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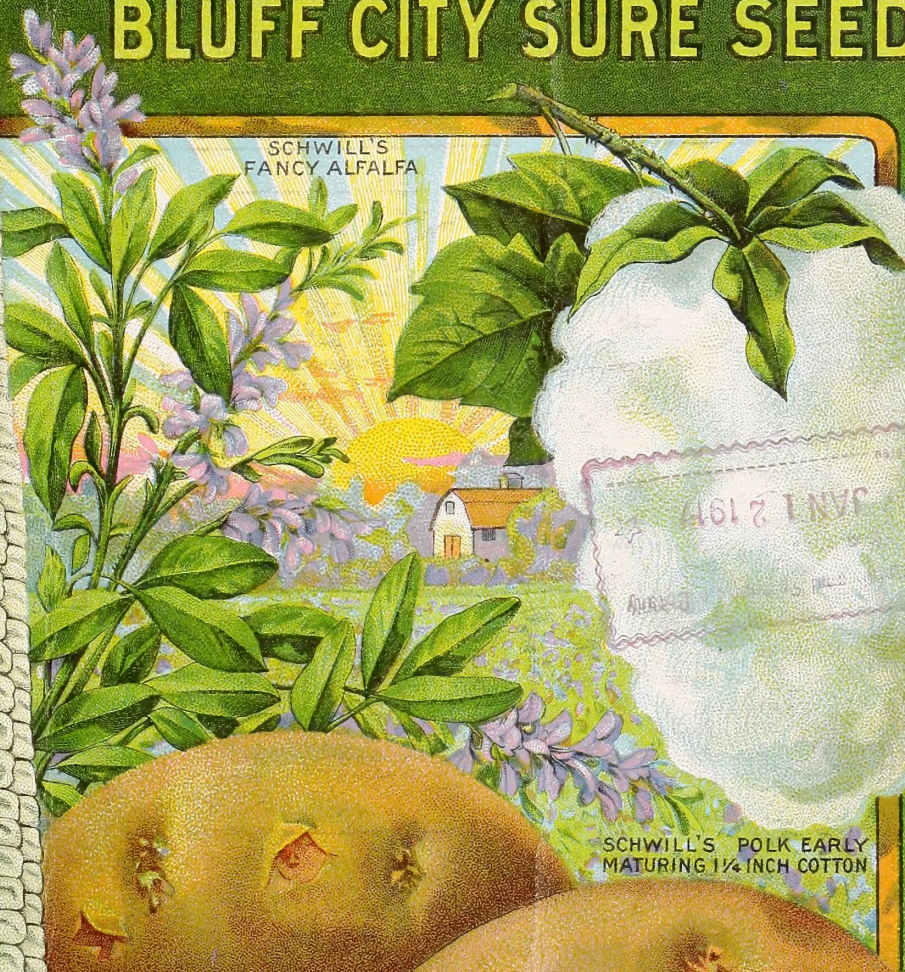




1869 OUR REPUTATION 1917

**SCHWILL'S**

BLUFF CITY SURE SEEDS



SCHWILL'S  
FANCY ALFALFA

SCHWILL'S POLK EARLY  
MATURING 1 1/4 INCH COTTON



SCHWILL'S  
PRIZE MEDAL  
CORN

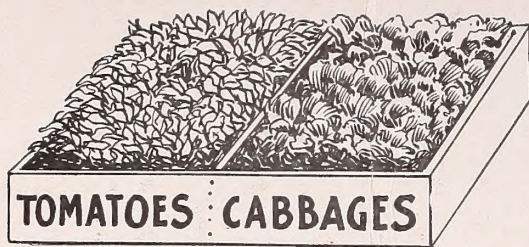


SCHWILL'S  
TENN. RED  
TRIUMPH POTATOES

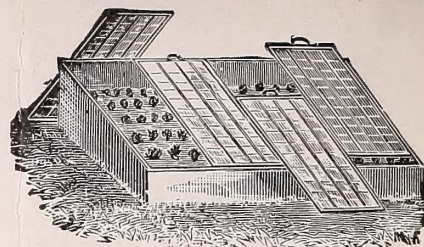
Catalogue **1917**

**OTTO SCHWILL & Co.**  
MEMPHIS, TENN.





# Vegetable Plants



Showing a Section of Our Hotbeds.

We can supply in any quantity, in their proper season, all vegetable plants here mentioned, and ship directly from beds, well packed, on the shortest notice. NOTICE—If we should for any reason be out of any variety ordered, we will send some other similar variety in place of it, unless requested to the contrary.

At prices quoted, they are sent by express at purchaser's expense, excepting where noted by mail. As plants are perishable, we advise all large lots to be forwarded by express. They must be sent separately from any greenhouse plants, roses, etc. We do not send vegetable plants with greenhouse plants.

## Frost-Proof Cabbage Plants.

Ready January 1st.

These are hardy outdoor-grown plants that will stand any kind of weather. The seed is planted in October and November, in a section in the South especially suited for this purpose. We are growing several million of plants this year, and will be able to supply all orders. By recent experiments, we have located a desirable climatic condition near the Gulf, and the plants will be satisfactory in every way.

The Frost-Proof Plants may not look a bright, green color, like the tender hotbed seedlings, as naturally their outdoor winter growth, standing through frosts, light freezes, discolors them and gives them a stunted appearance. Set them out, and their excellent growth, as soon as the weather warms up, will make you forget how they looked.

The use of open air, practically frost-proof, cabbage plants, often enables the truck gardener to put full grown heads of cabbage on the market two or three weeks ahead of the ordinary home-grown plants, and of course he gets the top prices for his crop.

These plants are from the very best grown seed, and will be sent both from Memphis and from our grower at purchaser's option at prices below.

Will have the following varieties—Early Jersey Wakefield, Charleston or Large Wakefield, Early Flat Dutch and Succession.

Prices, f.o.b. Memphis, 100 for 25c; 500 for \$1.25; 1000 for \$2.00.

Prices, f.o.b. Growing Station, 500 for \$1.00; 1000 for \$1.75; 5000 for \$7.50; 10,000 for \$12.50. All plants packed 500, 1,000 and 2,000 to the box.

Prices, by parcel post, 100 for 35c; 500 for \$1.50; 1000 for \$2.35. No orders filled for less than 100 plants of a variety.

## Hotbed Cabbage Plants.

These are grown in hotbeds and are of course a bright green looking plant, but they should not be planted out until the 10th to the 15th of March.

Early Jersey Wakefield.

Early Flat Dutch.

Early Summer.

Large Late Drumhead.

Charleston Wakefield.

Succession.

Prices, 35c per 100; \$2.00 per 1000. By parcel post, 45c per 100; \$1.50 for 500. All plants tied 50 to the bundle.

## Sweet Potato Plants.

Ready April 25th and Up to July 1st.

Gold Coin Bunch Yam.

Early Triumph.

Southern Queen.

Bunch Yellow Yam.

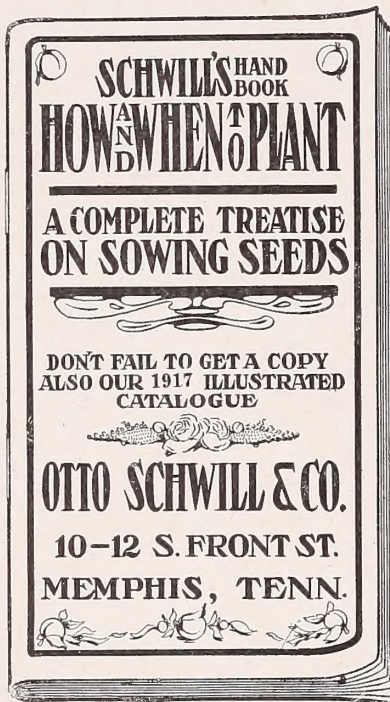
Nancy Hall.

Yellow Yam.

Prices, per 100, 25c; 1000, \$2.25; 10,000, \$20.00. By parcel post, per 100, 35c; 500, \$1.50; 1000, \$2.60.

Florida Yam Slips—Price, 35c per 100; per 1000, \$3.00. By parcel post, per 100, 45c; 500 for \$1.75; 1000 for \$3.35.

Porto Rica Yam Slips—Price, 35c per 100; \$2.50 per 1000. By parcel post, per 100, 45c; 500 for \$1.75; 1000 for \$2.90.



This Book Free to All Patrons. Ask For It.

## Cauliflower Plants.

Ready March 10th and Up to May 1st.

Early Snow Ball. Dry Weather.

Prices, Strong Hotbed Stock, doz., 20c; 50, 50c; 100, 75c. By parcel post, doz., 30c; 50, 65c; 100, \$1.00.

## Celery Plants.

Ready April 15th and Up to June 1st.

Hend White Plume.

Golden Self-Blanching.

Prices, Hotbed Stock, doz., 15c; 50, 35c; 100, 50c; 500, \$2.00. By parcel post, doz., 25c; 50, 50c; 100, 75c; 500, \$2.50.

## Egg Plants.

Ready April 20th and Up to June 1st.

Black Beauty.

New York Improved Purple.

Prices, Hotbed Plants, doz., 25c; 100, \$1.50. By parcel post, doz., 35c; 100, \$1.85.

Prices, Transplanted Stock, doz., 60c; 100, \$4.50. By parcel post, doz., 85c.

## Lettuce Plants.

Ready March 1st and Up to May 1st.

Big Boston.

Large White Cabbage Head.

Prices, Hotbed Stock, 50 for 20c; 100, 35c; 1000, \$2.50. By parcel post, 50 for 30c; 100, 55c.

## Pepper Plants.

Ready April 20th and Up to June 1st.

Chinese Giant.

Long Red.

Crimson Giant.

Prices, Hotbed Plants, doz., 25c; 100, \$1.50. By parcel post, doz., 35c; 100, \$1.85.

Prices, Transplanted Stock, doz., 60c; 100, \$4.50. By parcel post, doz., 85c.

## Tomato Plants.

Ready March 25th and Up to June 1st.

Our own growing; all first-class stock, varieties as follows:

Acme.

Livingston's Globe.

Ponderosa.

Early Detroit.

Beauty.

Stone.

Prices, Hotbed or Seedling Plants, doz., 15c; 100, 50c; 1000, \$4.00. By parcel post, doz., 25c; 100, 70c.

Prices, Transplanted Stock, doz., 25c; 100, \$1.50; 1000 \$10.00. By parcel post, doz., 35c; 100, \$1.85.

Prices, Potted Plants, doz., 60c; 100, \$4.50. By parcel post, doz., 85c.

All orders for vegetable plants will be filled in season when plants are in right condition, and at the right time. See dates above when different varieties are ready for shipment.



## MEMPHIS, TENNESSEE

**Carried Forward**



WE HAVE THE MOST COMPLETE STOCK OF POULTRY AND BEE SUPPLIES IN THE SOUTH.

In considering our prices in this Catalogue, please bear in mind that we pay the postage on all vegetable and flower seeds by the packet—ounce, quarter pound, pound, pint and quart, excepting Truckers price list given on pages 2-3

[illegible]

Try a few of our Frost Proof Cabbage Plants. They stand all kinds of cold weather, and make fine, large heads very early.



# SURPLUS DUTCH BULBS

HYACINTHS, TULIPS, CROCUS, NARCISSUS, ETC.

Two large purchases of Holland bulbs reached us very late last fall, and we are now forced to offer them at reduced prices. These bulbs planted any time in January or February, either indoors or in the open ground, will give fine blooms. We offer them only subject to stock, so kindly give second choice in case we have sold out varieties you order. Just say on your order, "Substitute," and we will put you in such bulbs that we have on hand and will treat you liberally.



**FRENCH ROMAN HYACINTHS.**

For growing in soil indoors.  
Doz., 30c; 100, \$2.25; by parcel post, doz., 40c.  
Colors—White, Rose, Pink, or Blue.

**MINIATURE DUTCH HYACINTHS.**

For growing either indoors or open ground.  
Doz., 25c; 100, \$1.90; by parcel post, doz., 35c.  
Colors—Dark Blue, Light Blue, White, Red, Pink, Blush White.



**DUTCH BEDDING HYACINTHS.**

Doz., 35c; 100, \$2.25; by parcel post, doz., 45c.  
Single or double, following colors: White, Pink, Red, Dark Blue, Light Blue, Yellow and Blush White.

**LARGE DUTCH HYACINTHS.**

Named varieties for growing either inside or outdoors. These are extra fine, large bulbs, usually sold at \$1.00 dozen. Our special price: Doz., 60c; 100, \$4.00; by parcel post, doz., 75c.

La Innocence, single, large white.  
La Tour de Auvergne, double, pure white.  
Blocksberg, large double, blue.  
Ida, single, bright yellow.  
King of the Blues, single, bright blue.  
Albertine, single, pure white.  
Cardinal Wiseman, single, large, dark pink.  
Grand Maitre, single, light blue.  
Queen of the Blues, pure azure blue.  
Gigantea, single, fine bluish pink.  
Granda Merville, single, large bluish white.  
Yellow Hammer, single, clear yellow.  
Grootverst, double, large pink.  
Boquet Tendre, double, fine pink.  
Gothe, double, bright yellow.  
Princess Royal, double, rosy red.  
Boquet Royal, double, large crimson.  
Pres. Roosevelt, double, clear pink.  
Flevo, double, large white.  
Yellow King, double, deep yellow.



**NARCISSUS.**

Paper White, for growing either in water or soil.  
Doz., 15c; 100, \$1.00; by parcel post, doz., 25c; 100, \$1.20.  
Giant flowered Paper White Narcissus.  
Doz., 25c; 100, \$1.25; by parcel post, doz., 30c; 100, \$1.60.



**CROCUS.**

Mammoth Yellow, Mammoth White, Mammoth Purple, Mammoth Striped, Mammoth Mixed.  
Doz., 10c; 100, 60c; by parcel post, doz., 15c; 100, 75c.

**FREESIAS.**

Refracta Alba, pure white, very fragrant.  
Doz., 15c; 100, \$1.00; by parcel post, doz., 18c; 100, \$1.10.

**FRITILARIA.**

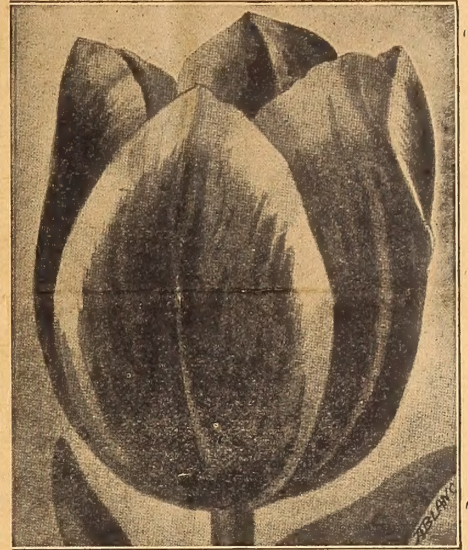
Effective for beds. Very showy.  
Each, 15c; doz., \$1.25; by parcel post, each, 20c; doz., \$1.50.

**LILLIUM LONGIFLORUM.**

A beautiful white lily. Excellent for pots or planting outdoors.  
Each, 15c; doz., \$1.50; by parcel post, each, 20c.

**SCILLA  
Or Peruvian Lilly**

A very pretty blue flower that thrives nearly everywhere.  
Dozen 20c; 100, \$1.00; by parcel post, doz., 25c.



**TULIPS IN MIXED COLORS.**

One of the most popular bulbs for bedding or planting outside in borders.  
Choice Single Mixed; Choice Double Mixed; Parrot Tulip, Mixed; Bizarre Tulips, Mixed; Cottage Tulip, Mixed; Bybloom Tulips, Mixed.  
Price—Doz., 15c; 100, 75c; by parcel post, doz., 20c; 100, 90c.

**TULIPS IN SEPARATE COLORS.**

Single White	Double White
Single Red	Double Red
Single Pink	Double Pink
Single Yellow	Double Yellow

Price—Doz., 20c; 100, \$1.25; by parcel post, doz., 25c; 100, \$1.50.

**DUC VON THOLL TULIPS.**

Price any of the following colors—Doz., 20c; 100, \$1.25; by parcel post, doz., 25c; 100, \$1.50.  
Scarlet Duc Von Tholl; Pink Duc Von Tholl; Yellow Duc Von Tholl; Crimson Duc Von Tholl; White Duc Von Tholl; Red Yellow Border Duc Von Tholl.

**NAMED TULIPS.**

All separate varieties true to color.  
Price, any of the following kinds—Doz., 20c; 100, \$1.25; by parcel post, doz., 25c; 100, \$1.50:  
Cottage Maid, white bordered with pink, single.  
Yellow Prince, large bold yellow color, single.  
LaReine, white shaded rose, very yellow, single.  
King of Yellows, a very deep golden yellow, single.  
Pottabaker Scarlet, single, bright scarlet, large.  
Pottabaker Yellow, a rich golden yellow, single.  
Murillo, double, light rose shade.  
Rex Rubrorum, double, bright crimson scarlet.  
La Merville, salmon rose, large show tulip.  
Golden Crown, large, late show tulip, orange red.

**SNOWDROPS.**

Doz., 15c; 100, 75c; by parcel post, doz., 20c; 100, \$1.10.

**GOLDEN SACRED LILY.**

Fine yellow, fragrant blossom. Very similar to the Chinese Sacred Lily.  
Each, 4c; doz., 35c; 100, \$2.50; by parcel post, doz., 40c.

**ANEMONES.**

Single, Mixed; Double, Mixed.  
Each, 2c; doz., 15c; 100, \$1.00; by parcel post, doz., 20c.

**STAR OF BETHLEHEM.**

A beautiful star shaped white flower, excellent for outdoor planting.  
Doz., 35c; 100, \$2.00; by parcel post, doz., 40c; 100, \$2.35.

**OXALIS.**

Yellow, Pink, Crimson, Lavender and Mixed.  
Doz., 15c; 100, \$1.00; parcel post, doz., 20c; 100, \$1.10.

**SPANISH IRIS.**

Blue, Yellow, White and Mixed.  
Doz., 15c; 100, \$1.00; by parcel post, doz., 20c; 100, \$1.10.

At these low prices none will be charged. Terms strictly cash with order.

All of the foregoing bulbs are offered only subject to being unsold, so let us have your orders promptly before this stock is disposed of, and be sure to give second and third choice, should we have sold out of the bulbs you order. All the bulbs offered on this sheet are of first quality and are bargains. Don't miss them.

## OTTO SCHWILL & CO.

SEEDSMEN

ESTABLISHED 1869

MEMPHIS, TENN.







# Schwill's 1917 Catalogue

## OF

# Seeds, Trees, Plants and Poultry Supplies

### TO OUR FRIENDS AND CUSTOMERS

Memphis, Tenn., January 1, 1917.

We take this method of thanking our numerous friends and customers for their patronage. Our fast increasing trade in all departments proves that our efforts to supply the best seeds are giving the desired results. Our stocks are selected especially for this and the Southern country, and with the coming season we will be better prepared than ever to supply customers with our own brand BLUFF CITY SEEDS of the very highest quality.

Our mammoth four-story warehouse is equipped with most modern cleaning and elevating machinery, and no firm in the South is better prepared to furnish you with good, clean seeds that have sure enough been re-cleaned. We do not and will not handle or offer any seed of low grade. Remember, the best is the cheapest, as low quality seeds are the most expensive thing you can buy.

Our prices are also right. Look through the catalogue carefully, and we know if you buy seeds, that it is not necessary to send away to Eastern or Northern houses for them, when you compare notes, and we ask a trial order; we assure you satisfaction. Thanking our many customers for past favors, and trusting to have a continuance of same, we remain,

Yours faithfully,

## OTTO SCHWILL & CO., Seedsmen, Memphis, Tenn.

Established 1869.—48 Years in the Seed Business

## How to Order and Terms of Business

Discount on Garden and Flower Seed in 5c, 10c, 15c, 20c and 25c packages:

For \$ .10, select any 3- 5c packets	For \$ .50, select any 4-15c packages
For .25, select any 8- 5c packets	For 1.00, select any 9-15c packages
For .50, select any 17- 5c packets	For .50, select any 3-20c packages
For 1.00, select any 35- 5c packets	For 1.00, select any 7-20c packages
For .50, select any 6-10c packages	For 1.00, select any 5-25c packages
For 1.00, select any 14-10c packages	For 2.00, select any 11-25c packages

This offer applies to prices on all Garden and Flower Seed, Beans, Peas and Corn, as quoted in this catalogue, except on Market Gardeners' price list, on pages 2 and 3, or any collections. Look through our list of seeds carefully. It will pay you to club with your neighbors and get your seeds at a big discount. Also remember our prices, excepting on pages 2 and 3, are all parcel post paid.

**WE PAY POSTAGE** on all seeds quoted by the packet, ounce, quarter pound and pound, and upon all goods quoted in our catalogue where it says parcel post paid.

**NOTICE CAREFULLY THE PRICES.** Be sure to know whether we or you are to pay the carrying charges, and bear in mind that we do not pay the express or freight charges on pecks or bushels, nor on any tools, bulbs, grass seeds, field seeds or fertilizers, except where we so state on the pages where the goods are priced.

**ALL CLAIMS** must be made upon receipt of goods. Our responsibility ceases after goods are delivered to transportation company, and we can assume no liability after delivery to railroad company.

**OUR RELIABILITY.** New customers may hesitate to send money to a firm they know nothing about. We should be pleased to have you

inquire as to our responsibility of Bradstreet's or Dun's Commercial Agencies, the Commercial Trust & Savings Bank, or the Central-State National Bank of this city.

**CASH WITH ORDER.** Please send money with the order sufficient to cover the whole bill, and remit by express money order or registered letter. Checks covering payment of goods must include 10 cents for collecting them. You will avoid delay by remitting by express or postoffice money order. We decline sending goods "Collect on Delivery" unless remittances be made on account to guarantee acceptance. **Our terms are cash; we do not open any accounts.**

**THE PRICES WE QUOTE** on vegetable seeds and seeds will hold good as long as stocks last. The prices on grass seed, grains and all farm seeds are those ruling January 1, 1917, and are subject to change. As far as possible we will fill in full all orders for seeds that are quoted subject to variation in price, but if market value will not permit this, we will send all that money remitted will pay for.

**NON-WARRANTY.** Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or shallow planting, etc., which renders it impossible for us to guarantee success, and, although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we will give no warranty as to description, quality or productiveness of any of the seeds, plants or bulbs we send out, and will not be in any way responsible for the crop, and every order for articles named in this catalogue will be executed on these conditions only. If they are not accepted on these conditions, they must be returned at once. It must, however, be plain to every one who gives the matter the slightest thought, that it is to our best interest to send out only such stock as will not only grow, but prove true to name and description.

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1917

# Market Gardeners' Price List on Bulk Seeds

1917

The following quotations are free on board Memphis, subject to change of the market. Terms, cash with order. Postage, express or freight charges must be paid by the purchaser. Two bushel seamless bags 20 cents extra. If seeds are wanted by mail that are quoted on this Bulk List, postage at the rate of 7 cents per pound must be added to these quotations.

At prices quoted on this Bulk List, there are no further discounts or premiums. We have made everything at close figures, which are net f.o.b. Memphis for shipment by express or freight at purchaser's expense. Plant Schwill's Bluff City Brand Seeds. They bring results; are true to name. Strictly new crop, especially selected for market gardeners. Write for special prices on Seed Potatoes, Onion Sets, and Seed Corn.

BEANS, BUSH (Green Pod)		Pk.	Bu.	BEET (Mangel and Sugar)		1 lb.	5 lb.
Black Valentine		\$2.75	\$10.00	Giant Feeding Sugar		\$.45	\$2.00
Burpee's Stringless Green Pod		3.00	11.00	Golden Tankard Mangel		.45	2.00
Extra Early Refugee		2.00	7.50	Klein Wanzleben Sugar		.45	2.00
Giant Stringless Green Pod		2.75	10.00	Lane's Imperial Sugar		.45	2.00
Hopkins Earliest Valentine		2.00	7.50	Mammoth Long Red Mangel		.45	2.00
Improved Early Red Valentine		2.00	7.00				
Long Yellow Six Weeks		2.00	7.00				
Mohawk Six Weeks		2.00	7.00				
Tennessee Green Pod		2.25	8.00				
BEANS, BUSH (Wax Pod)		Gal.	Pk.	CABBAGE		1/4 lb.	1 lb.
Burpee's Kidney Wax		\$1.75	\$3.25	All Seasons		\$.50	\$1.75
Currie's Rust Proof Wax		1.75	3.50	Charleston Large Wakefield		.75	2.50
Davis White Wax		1.75	3.50	Copenhagen Market		.75	2.50
Flageolet Violet Wax		1.50	3.00	Early Drumhead		.40	1.40
German or Black Wax		1.75	3.50	Early Flat Dutch		.60	2.00
Golden Wax, Improved		1.75	3.50	Early Jersey Wakefield		.75	2.50
Golden Eyed Wax		1.75	3.50	Early Summer, Improved		.50	1.50
				Early Winningstadt		.40	1.40
				Large Drumhead Savoy		.50	1.75
				Large Late Drumhead		.50	1.50
				Large Late Flat Dutch		.50	1.50
				Schwill's Frost Proof Drumhead		.75	2.50
				Schwill's Ideal Winter		.60	2.00
				Solid South		.50	1.75
				Succession		.70	2.25
				Surehead		.50	1.50
BUSH LIMA BEANS		Pk.	Bu.	CARROT		1/4 lb.	1 lb.
Fordhook Bush Lima		\$2.25	\$8.00	Early Scarlet Horn		\$.40	\$1.50
Henderson's Bush Lima		2.25	8.00	Half Long Danvers		.35	1.25
Wood's Prolific Bush Lima		2.00	7.00	Half Long Scarlet		.35	1.25
				Improved Long Orange		.30	1.00
				Mammoth Orange		.30	1.00
				Ox Heart		.30	1.00
POLE OR RUNNING BEANS		Pk.	Bu.	COLLARDS		1/4 lb.	1 lb.
Golden Cluster Pole Wax		\$2.25	\$8.50	Georgia White Cabbage		\$.20	\$.60
Kentucky Wonder		2.00	7.00	North Carolina Buncombe		.25	.75
Lazy Wife		2.25	8.50				
Red Speckled Cut Short		2.00	7.00				
Southern Creasback		2.00	7.50				
Southern Prolific		2.00	7.00				
Scotia Striped Cornfield		2.00	7.50				
POLE LIMA BEANS		Pk.	Bu.	CELERY		1/4 lb.	1 lb.
Carolina or Sieve, Small Butter		\$2.00	\$7.50	Columbian		\$.60	\$2.00
King of the Garden		2.00	7.00	Giant Paschal		.50	1.50
Large White Lima		2.00	7.00	Golden Self Blanching		1.00	3.50
Schwill's Ideal Butter Bean		2.50	9.00	Henderson's White Plume		.50	1.75
Schwill's Calico Butter Bean		3.00	11.00				
ENGLISH PEAS		Pk.	Bu.	CUCUMBERS		1/4 lb.	1 lb.
Alaska Extra Early		\$1.25	\$4.50	Cumberland Pickle		\$.20	\$.70
Ameer		1.75	6.50	Davis' Perfect		.25	1.00
American Wonder		1.75	6.50	Early Green Cluster		.20	.70
Alderman		1.75	6.50	Extra Early Long Green		.25	.75
Champion of England		1.50	5.75	Extra Long White Spine		.25	.75
Claudit		1.75	6.50	Early Fortune		.20	.70
First and Best, Extra Early		1.25	4.50	Fordhook Famous		.20	.70
Gradus or Prosperity		2.00	7.50	Henderson's Perfected		.25	.90
Large Marrowfat		2.00	7.50	Improved Early White Spine		.20	.70
Laxatonian		2.25	8.50	Improved Long Green		.25	.75
McLean's Little Gem		1.75	6.50	Klondike		.25	.75
Nott's Excelsior		1.75	6.50	Long Green Turkey		.20	.70
Schwill's Prolific Early Market		1.50	5.00	New Orleans Market		.25	.90
Telephone		1.75	6.50				
Thos. Laxton		1.75	6.50				
GARDEN CORN		Pk.	Bu.	EGG PLANT		1/4 lb.	1 lb.
Adams' Extra Early		\$1.50	\$5.00	Black Beauty		\$.125	\$4.50
Burpee's Early Fordhook		1.25	4.50	N. Y. Improved Purple		1.50	5.50
Country Gentleman		1.50	5.50				
Early or Large Adams		1.50	5.50				
Golden Bantam		1.75	6.50				
Golden Cream		1.50	5.00				
Howling Mob		1.25	4.50				
Mammoth or Large Sugar		1.50	5.50				
Stowell's Evergreen		1.50	5.50				
Schwill's Early Surprise		1.25	4.50				
Schwill's Improved Adams		1.25	4.50				
White Flint		1.25	4.00				
BEET		1/4 lb.	1 lb.	ENDIVE		1/4 lb.	1 lb.
Crosby Improved Egyptian		\$.35	\$1.25	Large Green, Curled		\$.40	\$1.25
Eclipse Blood Turnip		.30	1.00				
Early Blood Turnip		.25	.80				
Extra Early Bassano		.25	.80				
Landreth's Best		.35	1.25				
Long Smooth Blood		.20	.75				
Market Gardeners'		.35	1.25				
Schwill's Excelsior		.35	1.25				
KALE		1/4 lb.	1 lb.	KOHL-RABI		1/4 lb.	1 lb.
Dwarf German, Curled		\$.20	\$4.50	Early White Vienna		\$.60	\$2.00
Dwarf Green, Curled, Scotch		.20	.60				
LEEK		1/4 lb.	1 lb.	KALE		1/4 lb.	1 lb.
American Flag		\$.60	\$2.00	Dwarf German, Curled		\$.20	\$4.50
Large London Flag		.70	2.25	Dwarf Green, Curled, Scotch		.20	.60



<b>LETTUCE</b>		<b>¼ lb.</b>	<b>1 lb.</b>	<b>PARSNIPS</b>		<b>¼ lb.</b>	<b>1 lb.</b>	
Big Boston	.....	\$ .40	\$1.00	Long Smooth	.....	.....	\$ .25	\$ .75
Black Seed Big Boston	.....	.50	1.50	Sugar, Hollow Crown	.....	.....	.25	.75
Black Seed Simpson	.....	.35	.90	<b>PEPPER</b>				
Burpee's Wayahead	.....	.50	1.50			<b>¼ lb.</b>	<b>1 lb.</b>	
California Cream Butter	.....	.30	.85	Bell or Bull Nose	.....	\$1.25	\$4.50	
Early Curled Simpson	.....	.35	.90	Chinese Giant	.....	1.50	5.50	
Hanson Improved	.....	.30	.80	Giant Crimson	.....	1.25	4.50	
Hubbard Market	.....	.35	.90	Long Red Cayenne	.....	1.00	3.50	
Iceberg	.....	.40	1.25	Ruby King	.....	1.25	4.50	
Large White Summer Cabbage	.....	.30	.80	Texas Sweet Italian	.....	1.00	3.00	
May King	.....	.35	.90	<b>PUMPKIN</b>				
St. Louis Market	.....	.40	1.25			<b>¼ lb.</b>	<b>1 lb.</b>	
Schwill's Hard Head	.....	.40	1.25	Kentucky Yellow Field	.....	\$ .15	\$ .35	
Schwill's Famous Cabbage Head	.....	.40	1.25	King of the Mammoth	.....	.30	1.00	
Schwill's Largest of All	.....	.50	1.75	Striped Cushaw	.....	.30	1.00	
Schwill's Perfection	.....	.50	1.50	Tennessee Sweet Potato	.....	.25	.90	
<b>MELON, CANTALOUPE</b>				<b>¼ lb.</b>	<b>1 lb.</b>	<b>RADISH</b>		
Baltimore or Acme	.....	\$ .20	\$ .70			<b>¼ lb.</b>	<b>1 lb.</b>	
Burpee's Fordhook	.....	.35	1.00	China Rose Winter	.....	\$ .15	\$ .50	
Burrel Gem	.....	.20	.75	Cooper's Sparkler, White Tip	.....	.25	.70	
Cannon Ball	.....	.25	.90	Early Scarlet Turnip	.....	.15	.50	
Champion Market	.....	.25	.90	Early Scarlet Turnip, White Tip	.....	.15	.50	
Early Netted Gem	.....	.20	.70	Early Long Scarlet, Short Top	.....	.15	.50	
Gold Lined Rocky Ford	.....	.35	1.00	Early White Turnip	.....	.15	.50	
Hoodoo	.....	.30	.90	French Breakfast	.....	.15	.50	
Large Baltimore	.....	.40	1.25	Long Black Spanish	.....	.20	.55	
Mammoth Rocky Ford	.....	.35	1.00	Round Black Spanish	.....	.20	.55	
New Orleans Market	.....	.35	1.00	Schwill's Early Bird	.....	.30	.85	
Pink Meat Rocky Ford	.....	.35	1.00	Schwill's Perfection, White Tip	.....	.20	.60	
Prolific Netted Nutmeg	.....	.35	1.00	White Icicle	.....	.15	.50	
Rocky Ford	.....	.25	.75	White Vienna	.....	.15	.50	
Schwill's Magnificent	.....	.35	1.00	<b>SALSIFY</b>				
<b>MELON, WATER</b>				<b>¼ lb.</b>	<b>1 lb.</b>			
Angel Kiss	.....	\$ .25	\$ .75	Mammoth Sandwich Island	.....	\$ .60	\$2.00	
Arkansas Traveler	.....	.35	1.00	<b>SPINACH</b>				
Branch's Superb Rattlesnake	.....	.30	.80			<b>¼ lb.</b>	<b>1 lb.</b>	
Black Diamond	.....	.15	.45	Bloomsdale Curled Savoy	.....	\$ .25	\$ .75	
Burpee's Early Fordhook	.....	.25	.75	<b>SQUASH</b>				
Cuban Queen	.....	.15	.50			<b>¼ lb.</b>	<b>1 lb.</b>	
Florida Favorite	.....	.15	.50	Boston Marrow	.....	\$ .20	\$ .75	
Georgia Rattlesnake	.....	.15	.45	Burpee's Fordhook	.....	.25	.80	
Halbert Honey	.....	.20	.70	Early White Bush	.....	.20	.70	
Jackson	.....	.25	.75	Giant Yellow Summer Crookneck	.....	.35	1.10	
Jordon's Gray Monarch	.....	.15	.50	Hubbard	.....	.25	.80	
Kleckley Sweets	.....	.20	.75	Mammoth White Bush	.....	.20	.70	
Kolb Gem	.....	.15	.45	Yellow Summer Crookneck	.....	.25	.90	
Monte Cristo	.....	.20	.65	<b>TOMATO</b>				
Maule's All Heart	.....	.50	2.00			<b>¼ lb.</b>	<b>1 lb.</b>	
New Excel	.....	.25	.75	Acme	.....	\$ .75	\$2.50	
Sugar Stick	.....	.20	.70	Beauty	.....	.60	2.00	
Sweetheart	.....	.15	.45	Bonny Best	.....	.75	2.50	
Temple Gray	.....	.30	.80	Early Detroit	.....	1.25	4.50	
Tom Watson	.....	.25	.75	Earliana	.....	.75	2.00	
Tom Watson Special	.....	.50	1.75	John Baer	.....	1.00	3.00	
<b>MUSTARD</b>				<b>¼ lb.</b>	<b>1 lb.</b>	Livingston's Globe	.75	2.50
Chinese Mammoth	.....	\$ .25	\$ .70	Livingston's Perfection	.....	.50	1.50	
Elephant Ear	.....	.20	.60	Ponderosa	.....	1.25	4.50	
Southern Giant, Curled	.....	.20	.60	Red Rock	.....	.75	2.25	
<b>OKRA</b>				<b>¼ lb.</b>	<b>1 lb.</b>	Schwill's Premier	1.25	4.50
Early Dwarf Green	.....	\$ .15	\$ .45	Schwill's Red Majestic	.....	1.25	4.50	
French Market	.....	.15	.45	Schwill's Royal Pink	.....	1.25	4.00	
Tall or Long Green	.....	.15	.40	Stone	.....	.60	2.00	
White Velvet	.....	.15	.40	<b>TURNIP (White Flesh)</b>				
<b>ONION</b>				<b>¼ lb.</b>	<b>1 lb.</b>		<b>1 lb.</b>	<b>5 lb.</b>
Large Red Wethersfield	.....	\$ .40	\$1.50	American Red Top White Globe				

**All Prices Above are Subject to Important Changes in the Market and are  
F. O. B. Memphis.**



# Schwill's Select Sweet Peas

There are hundreds of both Spencer's Orchid-flowering and Grandiflora varieties of Sweet Peas, many of which are practically identical and still others which lack either size, purity of color, vigor or some other characteristic which all first-class sorts should have. It would be an easy matter for us to greatly extend our list; but we think it best to confine our offers to such sorts as are really first class, and every variety we offer is entitled to a place in the front rank of Sweet Peas.

**Cultural Directions**—Sow in the spring as soon as the ground can be prepared in a deep, rich soil and for succession until the middle of April. Open a drill 4 to 5 inches deep, and cover the seed from 2 to 3 inches. As the vines grow up, draw the soil up against them for support. A row of brush or wire netting should be placed between them for the vines to trail on. Pick flowers closely and do not allow to go to seed.

Inoculate this  
Seed with  
**FARMOGERM.**

White-seeded varieties should not be sown until the ground is comparatively dry and warm. If sown under cold, wet conditions, the seed will rot in the ground. With few exceptions, Sweet Peas are black-seeded, and these do not appear to be affected like the white-seeded sorts.

Sheep manure and Nitrate of Soda are the best fertilizers for Sweet Peas; apply lightly alongside of plant not too close. Bone Meal is also fine, and should be used if your soil is poor.

**Choice Mixed**—A good selection of mixed colors. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 75c, parcel post paid.

**Schwill's Superb Large Flowering, Mixed**—This mixture is composed of varieties all of the largest flowering, in even quantities of color. Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 30c; 1 lb., \$1.00, parcel post paid.

**Schwill Gilt Edge Mixed**—In this mixture we have used only the choicest and best of the Waved Spencer and Grandiflora Sweet Peas, and have taken every care to produce in the mixture a proper balance of colors. Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., \$1.50, parcel post paid.

## Separate Colors Grandiflora Sweet Peas.

Prices for any of the following named sorts: Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., \$1.50, parcel post paid.

**Blanche Ferry**—Rose, with white wings, very showy.

**Katherine Tracy**—A beautiful flower, clear bright pink.

**Countess of Radnor**—Delicate lavender standard, mauve wings.

**Dorothy Eckford**—Purest white, very large bold flower.

**Duke of Westminster**—Very dark purple flowers, large and showy.

**Emily Henderson**—Splendid white; one of the best.

**Janet Scott**—Very deep shade of pink, a fine color.

**King Edward VII**—A bold large red flower, bright color.

**Lady Grisel Hamilton**—Light lavender blue, beautiful.

**Lovely**—Delicate pink, large flower.

**Miss Wilmott**—Orange pink, a beautiful shade.

**Mrs. Walter Wright**—An exquisite shade of mauve, large flower.

**Hon. Mrs. E. Kenyon**—A fine primrose color, very popular.

**Navy Blue**—Deep violet blue, very fine.

**Othello**—Glossy purple, self-colored, elegant.

**Prima Donna**—A beautiful shade of pink.

**Prince of Wales**—Bright deep rose, very large.

**Extra Early Blanche Ferry**—Bright rose with white wings.

**Christmas Pink**—The earliest pink variety, good flower.

## SWEET PEA COLLECTIONS.

Collection 1 pkt. each of 18 named varieties Spencers listed for.....\$1.00

Collection 1 pkt. each of 18 named varieties Grandiflora listed for..... .50

Collection 1 oz. each of 18 named varieties Spencers listed for..... 3.00

Collection 1 oz. each of 18 named varieties Grandiflora listed for..... 1.25

## Fiery Cross

**New Spencer Sweet Pea**—A glittering fiery scarlet without any shading. The flowers are extra large and wavy. Packet, 10 seed, 10c; 3 packets, 25c.

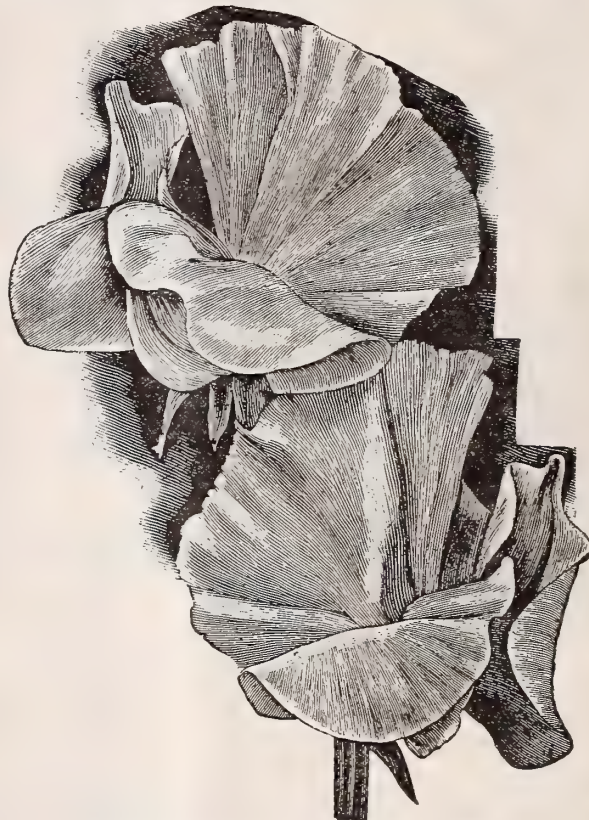
## Elfrida Pearson

**Spencer Sweet Pea**—A beautiful light pink, margined with dark pink. Packet, 10c; 3 packets, 25c.

## Spencer or Orchid-Flowered Sweet Peas.

The best of the old-fashioned of grandiflora varieties are now quite overshadowed by this wonderful type, which are quite distinct, having large, round open flowers of extraordinary size, usually measuring two inches across, with wavy standards and widespreading wings, a very large percentage bearing four of these immense blossoms to the stem, which is long and strong, making them of exceptional value for cutting.

**Spencer Mixed Sweet Peas**—They represent the highest achievement in Sweet Peas to date, and this mixture has been made up of named sorts only, insuring a well balanced range of colors and it would be impossible to get anything of higher quality at any price. Pkt., 5c; 1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., \$2.00, parcel post paid.



Spencer's Type or Orchid Flowered Sweet Peas.

## Named Spencer Varieties.

Price any of the following varieties: Pkt., 10c; 1 oz., 25c; 2 oz., 50c; ¼ lb., \$1.00; 1 lb., \$3.50, parcel post paid.

**Asta Ohn Spencer**—Soft pinkish lavender self, soft and wavy.

**Apple Blossom Spencer**—Standard bright pink rose, wings flushed rose.

**Countess Spencer**—The original giant flowered Spencer, clear pink.

**Dobbie's Cream Spencer**—A large and fine deep cream, beautifully waved.

**Helen Lewis Spencer**—Orange pink, with bright orange standard.

**Illuminator Spencer**—A most intense glowing orange scarlet.

**King Edward VII Spencer**—The best pure red Spencer, a fine flower.

**King White Spencer**—A giant free flowering white Spencer.

**Marie Corelli Spencer**—A beautiful shade of brightest crimson.

**Maud Holmes Spencer**—Mammoth wavy petals of brilliant red.

**Mrs. Routzhan Spencer**—Apricot, pink and straw color, a fine variety.

**Othello Spencer**—Deep rich maroon purple, very dark.

**Primrose Spencer**—Clear primrose, very large and wavy.

**Thos. Stevenson Spencer**—Giant flame colored Spencer, a grand flower.

**Vermilion Spencer**—A bright pure scarlet color, large flowers.

**Wedgewood Spencer**—Silvery blue, large and wavy.

**White Spencer**—A superb purest white with large blossoms.

**Cupid, Dwarf or Bedding Mixed**—These form a line of emerald-green foliage a little over a foot wide and 6 inches high, and from June until late summer are literally a sheet of bloom; the mixture contains all the colors. Pkt., 5c; 1 oz., 20c; 2 oz., 35c; ¼ lb., 60c, parcel post paid.

**Perennial Mixed Sweet Peas**—Perfectly hardy and very handsome free-blooming climbers. They come up year after year. Pkt., 10c; oz. 35c.



# Select Flower Seeds

Special Offer of Flower Seed in Packets. You may select any

3— 5c Packets for.....\$ .10	35— 5c Packets for.....\$1.00
8— 5c Packets for......25	6—10c Packets for......50
17— 5c Packets for......50	14—10c Packets for......1.00

Note carefully the price of every variety before you order. Some are sold at 5c a packet and others at 10c a packet.

**General Culture Directions**—Most Flower Seeds germinate well in a rather light, sandy loam, exposed to the sun, while a few are benefited by partial shade, and some do best with an element of clay finely mixed with the soil. Nearly all the hardy seeds germinate better when planted in early spring, as soon as the soil can be worked fairly easy.

## Asters.

This has become one of the most popular, beautiful and effective garden plants, growing from 10 to 24 inches high. Sow the seed early in the spring, under glass or in pots in the house, and transplant into rich soil.



Giant Comet Aster

**Giant Comet Aster**—Flowers of immense size, often 6 inches across. Long wavy, twisted petals, gracefully formed into loose yet dense globes, resembling Chrysanthemums; 12-16 inches in height.

Comet Aster—Pure white.	Comet Aster—Light blue.
Comet Aster—Clear rose.	Comet Aster—Scarlet.
Comet Aster—Carmine.	Comet Aster—All colors mixed.
Comet Aster—Dark blue.	

Price, any of the above varieties, Packet 10c.

**Giant Japanese Aster**—They combine more points of merit than any other one class of Asters, bearing extraordinarily large semi-spherical flowers, averaging five inches in diameter, the petals being of splendid substance, withstanding storms, rains and hot suns better than any other Aster; 20 inches in height.

Japanese Aster—White.	Japanese Aster—Scarlet.
Japanese Aster—Carmine.	Japanese Aster—Lilac.
Japanese Aster—Blue.	Japanese Aster—Rose.
Japanese Aster—Yellow.	Japanese Aster—Terra Cotta.

Japanese Aster—All colors mixed.

Price, any of the above varieties, Packet, 10c.

**Aster, Victoria**—Imbricated petals, mixed, all colors, Pkt., 10c.

**Aster, Peony Flowered**—Large double mixed. Pkt., 5c.

**Abronia**—A verberna-like trailing plant, bearing rose-colored fragrant flowers. Hardy, annual. Pkt., 5c.

## Amaranthus.

**Amaranthus**—Ornamental foliage plants of extremely brilliant and showy colors. Half-hardy annual.

**Tricolor** (Joseph's Coat)—Leaves yellow, red and green. Pkt., 5c.

**Caudatus** (Love Lies Bleeding)—Flowers in bunches of long, drooping, chenille-like tassels. Pkt., 5c.

**Cruentus** (Princess Feather)—Dark red feathery flower. Pkt., 5c.



Ageratum



Sweet Alyssum

**Antirrhinum (Snapdragon)**—Showy and useful border plants, producing a great variety of brilliant flowers. Very effective in beds. Blooms the first season. Tall mixed, 2 feet. Pkt., 5c; Dwarf, mixed, 1 foot, Pkt., 5c.

**Ageratum (Imperial Blue)**—A Mexican flower of bush-like appearance, suitable for bedding or pot culture. Blooms continually; annual. Pkt., 5c.

**Alyssum, Sweet**—One of the sweetest and most useful of summer flowers for edging, borders, rock work, etc. Flowers white, 1 foot, hardy annual. Pkt., 5c; 1 oz., 25c.

**Alyssum, Little Gem**—Very dwarf and dense growth. It is the finest sort for beds and borders. Pkt., 5c; 1 oz., 30c.



Bachelor Buttons

**"Bachelor Buttons"**—Garden annuals, forming bushy plants about two feet high and bearing a great many flowers, purple, white, striped, etc., mixed. Pkt., 5c.

**Balsam**—They are among the showiest and most popular of our summer garden annuals, forming bushy plants, covered with a large double flowers of brilliant colors, mixed. Pkt., 5c; 1 oz., 35c.

**Brachycome**—(Swan River Daisy)—A delicate dwarf, half-hardy, annual, effective for edging, beds or rustic baskets. Produces an abundance of daisy-like flowers in shades from dark blue to nearly white. Pkt., 5c; mixed colors.

**Browalia**—Profuse blooming plants, continuing throughout the summer, studded with blue and white flowers; half-hardy annual; mixed. Pkt., 5c.

**Calliopsis**—Large, bright yellow flowers; very effective for cutting and decorations; mixed varieties. Pkt., 5c.

**Candytuft, Empress, White**—Flowers good for edging. Pkt., 10c.

**Candytuft**—Requires little care, blooms all summer. Sow in early spring. Grows 10 to 12 inches in height; mixed colors. Pkt., 5c; 1 oz., 25c.



Margaret Carnation

**Carnation, Margaret**—Exceedingly fragrant double flowers, very beautiful. Pkt., 10c.

Our list of Perennial Flower Seeds is shown on page 9.  
Our list of Annual Climbers and Vines will be found on page 9.



**Canna, Mixed**—Flowers of large size and brilliant colors. Our mixture contains all varieties and colors. Pkt., 5c.

**Calendula**—Showy, free-flowering annuals of the marigold family. Succeed in any good soil, producing a fine effect in beds, or mixed borders; height 1 foot; hardy annual. Pkt., 5c.

**Chrysanthemum**—Annual variety, and is summer-blooming chrysanthemum; different entirely from the Japanese fall variety; height 2 to 3 feet; mixed colors. Pkt., 5c.

**Cockscomb, Mixed**—Choice mixed of all sorts and colors. Pkt., 5c.

**Coleus**—The most popular of all foliage plants. Easily grown from seed, but must be started in a box in the house or hot-bed, as the seed is very fine and when sown is scarcely covered, yet must be kept moist. Tender annual; mixed colors. Pkt., 15c.



Corn Flower  
(Centaurea Cyanus)



Larkspur

**Corn Flower (Centaurea Cyanus)**—The well known everlasting flowers; mixed colors. Pkt., 5c.

**Corn Flower, Emperor William**—Fine sky blue. Pkt., 5c.



Giant Cosmos



Matchett Mignonette



Cockscomb

### Cosmos.

An autumn plant, with feathery foliage. The flowers are borne profusely in loose clusters. Seed should be sown early in the spring and the plants transplanted in the open border. They grow from 4 to 5 feet high.

Giant Crimson Cosmos, Pkt., 10c. Giant Pink Cosmos, Pkt., 10c.  
Giant White Cosmos, Pkt., 10c. Giant Mixed Cosmos, Pkt., 10c.  
Lady Lenox Fine Pink Cosmos, Pkt., 10c.  
Early Flowering Dwarf Mixed Cosmos, Pkt., 5c.

**Euphorbia (Snow on the Mountain)**—The leaves are light green and white margined. Pkt., 5c.

**Eschscholtzia**—Hardy annual, 1 foot. Especially valuable for growing in flower beds and masses. Sow where plants are to bloom. Bright, showy flowers and feathery foliage; mixed colors. Pkt., 5c; 1 oz., 20c.

**Forget-Me-Not**—A modest little flower; to friendship ever dear; color blue. Pkt., 5c.

**Four O'Clock**—A handsome, free-flowering plant. They open their blossoms about 4 o'clock in the afternoon, hence their name. Hardy annuals; mixed varieties. Pkt., 5c; 1 oz., 20c.

**Gomphrena (Globe Amaranth)**—Hardy annual; 2 feet. Red clover-shaped flowers; mixed. Pkt., 5c.

**Heliotrope**—These well-known bedding favorites are highly esteemed for their fragrant flowers. Fine mixed. Pkt., 10c.

**Helichrysum (Straw Flower)**—Bright and attractive summer blooming annuals of free growth and producing in abundance large double red, white and yellow flowers; mammoth mixed. Pkt., 5c.

**Ice Plant**—Pretty trailer for baskets, rock work, etc. Pkt., 5c.

**Job's Tears**—This is a curious ornamental grass, with broad leaves, similar to corn, of a light slate color. The seeds, when dry, are strung on heavy waxed shoemakers' thread, making fine necklaces, chains and bracelets; hardy annual and grows three feet high. Pkt., 5c.

**Kochia (Summer Cypress)**—An easily-grown annual with perfect symmetry. It is a lively green, but on the approach of autumn the whole plant becomes bright scarlet, making in all a very desirable plant. During the summer it obtains a height of about 3 feet. Pkt., 10c.

**Larkspur**—Produces showy spikes of beautiful flowers; hardy annual 2 feet high; double mixed; all colors. Pkt., 5c; 1 oz., 30c.

**Lobelia**—Desirable for basket, rock work. A delicate trailing plant; height 6 inches. Pkt., 5c.

**Malope**—Mallow-like flowers, very pretty and showy; sow early; height 15 inches; mixed. Pkt., 5c.

**Marigold**—A hardy annual in various shades. Planted after danger of frost is past they will bloom here through the entire summer; height 1 to 2 feet.

**Marigold, Tall Mixed**—Flowers golden yellow, very large. Pkt., 5c; 1 oz., 35c.

**Marigold, Eldorado**—Double flowers of immense size. Pkt., 5c; 1 oz., 40c.

**Mignonette**—Seed of this popular annual can be sown at any time. If successions are made, these modest-colored, fragrant plants blossom outdoors until November.

**Sweet Mignonette**, Pkt., 5c; 1 oz., 20c.

**Matchett Mignonette**, Pkt., 10c; 1 oz., 35c.

**Nigella**—A hardy annual 1 foot high, with finely cut foliage; oddly shaped blossoms in blue and white. Pkt., 5c.

## Our List of Vegetable Seeds

Embraces all the well-known standard varieties and such of the newer sorts as have proven of value. There are an endless number of new varieties introduced each year, and it is impossible for any one seedsman to give each a place in his catalogue. In this catalogue we have listed only such varieties as are the best types of the class they represent, and have proven satisfactory in our soils and climate.

Especial attention is called to the very superior quality of the nursery stock we supply. It is first-class in every respect, smooth, straight, handsome. We list only varieties such as are suitable to the Southern States and this section.





Dwarf Nasturtium



Large-Flowering Petunia.



Phlox Drummondii

### Nasturtium.

Plants of great beauty, blooming throughout the summer and fall. The tall varieties make good covering for walls and trellises. The compact growth and rich colored flowers of the dwarf varieties make them desirable for bedding plants.

#### DWARF VARIETIES

Empress of India, bright crimson, Pkt., 5c; 1 oz., 20c.

King of Tom Thumbs, intense scarlet, Pkt., 5c; 1 oz., 20c.

Golden King, bright yellow, Pkt., 5c; 1 oz., 20c.

Cloth of Gold, red, with yellow foliage, Pkt., 5c; 1 oz., 20c.

Nasturtiums, Dwarf Mixed—In this will be found varieties of both light and dark colored foliage. Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.00, parcel post paid.

Nasturtiums, Exquisite Dwarf Mixed—A magnificent strain, containing countless shades, colors, stripes, blotches and veinings. Pkt., 5c; 1 oz., 20c; 2 oz., 35c; ¼ lb., 60c, parcel post paid.

#### TALL VARIETIES.

King Theodore, dark crimson, Pkt., 5c; 1 oz., 20c.

Sunlight, rich golden yellow, Pkt., 5c; 1 oz., 20c.

Schulzi, fine scarlet, dark-leaved, Pkt., 5c; 1 oz., 20c.

Nasturtiums, Tall Mixed—A brilliant, effective mixture. Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c, parcel post paid.

Nasturtiums, New Giant Flowered—These superb Nasturtiums attract instant attention by the great size, exquisite form and rich color of the flowers. Mixed colors. Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c, parcel post paid.

Nasturtiums, Madam Gunter's Hybrid—Flowers are striped or blotched, with shades of red on yellow and orange ground, forming a combination of exceeding brilliancy and beauty; about 4 feet high. Pkt., 5c; 1 oz., 15c.

### Pansy.

Pansy, Choice Mixed—Our own mixture. This contains a wide range of colors and markings. Pkt., 5c.

Pansy, Extra Large Flowering Mixed—Our mixture of the best English varieties of Pansies. Pkt., 10c.

Pansy, Schwill's Superb Mixed—This includes not only seeds of Giant Pansies, but also those of several new large-flowered sort, with highly colored blooms. Pkt., 15c.

Pansy, Giant Trimardeau—A beautiful class; compact growers, with enormous flowers; finest mixed. Pkt., 10c.

Pansy, Snow Queen, White—Large flowering, pure white. Pkt., 10c.

### Petunia.

The brilliancy and variety of its colors, combined with the duration of its blooming period, render it invaluable. The plants are of easy culture and thrive well in any good garden soil.

Single, Mixed, Pkt., 5c; 1 oz., 50c.

Single, White, Pkt., 10c.

Large Flowering, Mixed, Pkt., 10c.

Double, Mixed, Pkt., 25c.

### Phlox.

This splendid genus of plants is unrivaled for richness of color, profusion of blossoms, length of duration in bloom, and whether in clumps or masses, look equally beautiful.

Phlox Drum., Choice Mixed., Pkt., 5c; 1 oz., 75c.

Mammoth, Mixed, Pkt., 10c; 1 oz., \$1.00.

Fireball Phlox, Pkt., 10c.

Snowball Phlox, Pkt., 10c.

### Pinks—(Dianthus).

This class of pinks are usually treated as hardy annuals. They flower early in summer and continue until frost; excellent for small beds or edging, flowering profusely.

China or Indian Pink, double, mixed, Pkt., 5c.

Heddewigii Japanese Pink, double, mixed, Pkt., 5c.

Diadem Fringed Pink, double, mixed, Pkt., 5c.

Imperialis, Double Imperial Pink, mixed, Pkt., 5c.

Crimson Bell Pink, bright red, Pkt., 10c.

Double White Pink, pure white, Pkt., 10c.

Pheasant's Eye or Plumarius Pink, mixed, Pkt., 5c.

Sweet May or Double Grass Pink, Pkt., 10c.



Shirley Poppy

### Poppies.

Well-known hardy annuals, flowering in profusion throughout the summer.

Poppy, Shirley, Single, mixed, Pkt., 5c; 1 oz., 35c.

Poppy, Double Carnation, mixed, Pkt., 5c; 1 oz., 25c.

Poppy, Double Peony Flowered, mixed, Pkt., 5c; 1 oz., 25c.

Poppy, Schwill's Superb, mixed, Pkt., 5c; 1 oz., 25c.

Poppy, Fine, Single, mixed, Pkt., 5c; 1 oz., 25c.

Poppy, Fine Double, mixed, Pkt., 5c; 1 oz., 25c.

Poppy, Cardinal, double, mixed, Pkt., 10c; 1 oz., 35c.

Poppy, Fringed, White, Pkt., 10c; 1 oz., 40c.

Primroses—These are among the best of early spring blooming plants. With a slight protection they will stand the winter. Pkt., 10c.

### Portulaca.

These brilliant and popular hardy annuals are of the easiest culture, luxuriant in an exposed sunny situation, and producing throughout the summer their various colored flowers in the greatest profusion.

Single, mixed, Pkt., 5c; 1 oz., 35c.

Double, mixed, Pkt., 10c.





Salpiglossis



Salvia Scarlet Sage



Mammoth Verbena

**Ricinus** (Castor Oil Bean)—Large, luxuriant, rapid-growing foliage, annual, with palm-like leaves; much used for sub-tropical effects on the lawn, or for centers of beds of foliage plants; finest mixed. Pkt., 5c; 1 oz., 15c.

**Scabiosa** (Mourning Bride)—Beautiful annuals with large double flowers on long stems; fine for cutting; fine mixed. Pkt., 5c.

**Salpiglossis**—Annual, about 18 inches high, bearing throughout the season, large flowers of many beautiful colors, all exquisitely veined and laced; mixed. Pkt., 5c.

**Salvia**—Scarlet Sage; gorgeous plants with numerous spikes of intensely vivid scarlet flowers 10 to 12 inches in length. Pkt., 10c; 1 oz., \$1.50.

**Salvia, Bonfire**—Plants form handsome bushes about 2 feet high by 2 feet across. Flowers of a most brilliant, dazzling scarlet; one of the finest. Pkt., 15c; 1 oz., \$2.00.

**Sensitive Plant**—One of the most remarkable and interesting plants in cultivation; the leaves, when touched, instantly fold up. Pkt., 5c.

**Sweet Rocket**—Grows 2 to 3 feet high, bears spikes of showy fragrant flowers, all colors, mixed. Pkt., 5c.

**Stocks** (Gilliflower)—The free-blooming, fragrant and charming colors of the Stock have brought it into great popularity for both summer and winter flowering. For beds and borders they are very effective. Pkt., 10c.

**Sunflower**—Tall growing plants, with large and showy yellow flowers. Hardy annuals.

Double Dwarf Sunflower, 4 feet; Pkt., 5c; 1 oz., 40c.

Globe of Gold Sunflower, 4½ feet; Pkt., 5c; 1 oz., 50c.

Double Tall Sunflower, 7 feet; Pkt., 5c; 1 oz., 30c.

Stella or Star Single Sunflower, 3 feet; Pkt., 5c; 1 oz., 75c.

New Miniature Sunflower, 1½ feet; Pkt., 15c; 1 oz., \$1.00.

Mammoth Russian Sunflower, 8 feet; Pkt., 5c; 1 oz., 10c.

**Thunbergia** (Sometimes called Blackeyed Susan)—An excellent trailing or bedding plant; very popular. Pkt., 5c.

**Verbena**—A low-growing annual, profuse in its blooms, ranging from brilliant and startling colors to soft and delicate tints. Our mammoth strain produces large trusses of brilliant, beautiful flowers.

Verbena, Choice Mixed, all shades; Pkt., 5c; 1 oz., 40c.

Verbena, Mammoth Mixed, large flowering; Pkt., 10c; 1 oz., 75c.

Verbena, Scarlet Defiance, large flowering; Pkt., 10c; 1 oz., 75c.

Verbena, Mammoth Pink, large flowering; Pkt., 10c; 1 oz., 75c.

Verbena, Mammoth White, large flowering; Pkt., 10c; 1 oz., 75c.

Verbena, Mammoth Purple, large flowering; Pkt., 10c; 1 oz., 75c.

**Vinca** (Periwinkle)—Dark green foliage, handsome rose and white single flowers; very effective for beds and borders. Blooms continuously all summer from seed sown early in March; half-hardy perennial.

Vinca, Alba, pure white; Pkt., 10c; 1 oz., \$1.00.

Vinca, Rosea, bright rose; Pkt., 10c; 1 oz., \$1.00.

Vinca, Mixed, several colors mixed; Pkt., 10c; 1 oz., 75c.

**Violet**—Favorite little plants, producing delightfully fragrant flowers; popular with every one. Pkt., 10c.

**Wallflower**—Very conspicuous in beds or borders, and are very useful in making bouquets. They are deliciously fragrant; single mixed. Pkt., 5c.

**Wild Garden Flower Seeds**—Under this heading we offer a mixture of the easiest and surest growing kinds that can be sown broadcast, and with little or no care will produce a bright effect in places that would otherwise be nothing but a collection of unsightly weeds, and furnishing an abundance of flowers for cutting. Pkt., 5c; 1 oz., 25c.



Mammoth Flowering Zinnia

**Zinnia**—Annual of great beauty and brilliancy; of branching habit and superb colors; continues in bloom a long time; very effective in beds; groups or mixed borders; half-hardy annual.

Double White, large flowering; Pkt., 10c; 1 oz., 50c.

Double Orange, large flowering; Pkt., 10c; 1 oz., 50c.

Double Pink, large flowering; Pkt., 10c; 1 oz., 50c.

Double Crimson, large flowering; Pkt., 10c; 1 oz., 50c.

Double Purple, large flowering; Pkt., 10c; 1 oz., 50c.

Double Yellow, large flowering; Pkt., 10c; 1 oz., 50c.

Double Mixed; Pkt., 5c; 1 oz., 40c.

Curled and Crested, mixed; Pkt., 10c; 1 oz., 75c.

Mammoth Mixed, large flowering; Pkt., 10c; 1 oz., 50c.



# Vines or Climbers

**Balsam Apple Vine**—Curious fruits; fine climber. Pkt., 5c; 1 oz., 25c.

**Balloon Vine**—Quick growing climber; 15 feet. Pkt., 5c; 1 oz., 35c.

**Canary Bird Vine**—A beautiful, rapid climber. Pkt., 5c; 1 oz., 30c.

**Cobea Scandens**—Cup and Saucers Vine; a climber of rapid growth; large, bell-shaped purple flowers. Pkt., 5c; 1 oz., 60c.

**Cypress Vine**—For a neat trellis or ornamenting the trunks of young trees it is hardly excelled; mixed colors. Pkt., 5c; 1 oz., 35c.



Cypress Vine



Morning Glory

**The New Cardinal Climber**—A new and brilliant colored annual climber. Flowers glowing scarlet,  $1\frac{1}{2}$  inches in diameter, the tube being  $1\frac{1}{4}$  inches in length. Vines branch freely, attaining a height of from 20 to 30 feet. Start seed indoors in March and transplant. Pkt., 15c; 2 Pkts., 25c.

**Gourds**—Small ornamental sorts, all kinds, mixed. Pkt., 5c.

**Humulus Japonicus (Japanese Hop)**—Ornamental and rapid climber. The foliage is lovely green; splendid for covering verandas, trellises, etc. Pkt., 5c.

**Hyacinth, or Jack Bean**—A rapid-growing annual climber; mixed; all colors. Pkt., 5c; 1 oz., 20c.

**Hyacinth Bean, Daylight**—A pure white flower with some fragrance. A rapid, dense climber. Pkt., 10c; 1 oz., 30c.

**Kudzu Vine (Jack-and-the-Bean-Stalk)**—For rapidity of growth this hardy vine has no equal. It will grow 8 to 10 feet from seed the first year. The leaves are large and abundant. It bears racemes of pea-shaped rosy purple flowers. Pkt., 10c.

**Morning Glories**—Undoubtedly one of the most profuse flowering vines in cultivation; choice mixed varieties. Pkt., 5c; 1 oz., 10c;  $\frac{1}{4}$  lb., 25c.

**Japanese Imperial Morning Glories**—A revelation in the size and beauty of their flowers; mixed colors. Pkt., 5c; 1 oz., 25c.

**Morning Glory, Double Snow Fairy**—This is absolutely the greatest novelty yet introduced. The vines are rapid growers, running from 12 to 18 feet. All during summer the vines are literally covered with glistening white blossoms which are very double and exquisitely lacy in effect. Pkt., 15c; 2 Pkts., 25c.

**Moon Flower, White**—Its large white flowers expand in the evening and remain open until the following day. Pkt., 10c.

**Moon Flower, Heavenly Blue**—This variety blooms in the forenoon. The flowers are azure blue with a yellow throat. Pkt., 10c.

**Scarlet Runner Beans**—A great favorite as an ornamental climber. Pkt., 5c; 1 oz., 10c.

**Wild Cucumber Vine**—This is the most rapid growing vine we know of. It will reach a height of 30 feet in one season. It is thickly dotted over with pretty, white flowers. Pkt., 5c.

## Perennial Flower Seed.

Hardy Perennials are easily grown from seed. In many cases they are a little slower than annuals, but with intelligent care they are successfully raised, and from seed is an excellent way to get up a big stock of Perennials in a short time. Many Perennials, if sown in spring, bloom the first year from seed as freely as annuals. Others wait a year; that is, if sown this year they don't bloom until next year.

**Canterbury Bells**—Bell-shaped flowers; mixed. Pkt., 5c.

**Coreopsis**—Fine for cutting; graceful flowers. Pkt., 5c.

**Columbine**—Flowers showy and luxuriant. Pkt., 5c.

## Seeds are Different

From other merchandise. The real value of seeds can only be known after months of labor. Buy your seeds of a reliable seed house with a reputation back of it. Seeds of real merit must be grown and sold by practical, trained seedsmen, with a reputation made and to be maintained.



Double Dahlia



Gaillardia

**Dahlias**—Dahlias are easily grown from seed and bloom the first season as well as if from roots. **Dahlia double mixed colors**, Pkt., 10c. **Dahlia single mixed colors**, Pkt., 5c.

**Daisy, Double**—An old favorite; hardy, mixed. Pkt., 10c.

**Daisy, Shasta**—Flowers snowy white, with yellow center; freely produced on strong, wiry stems, about 2 feet in length. Pkt., 10c.

**Foxglove (Digitalis)**—One of the most striking flowers; tall, stately and handsome; of easy culture. Pkt., 5c.

**Gaillardia**—Blanket flower; fine for bouquets; mixed. Pkt., 5c.

**Hollyhock, Double Mixed**—Fine, double blooms. Pkt., 5c.

**Hollyhock, Double White**—Double flowers. Pkt., 10c.

**Hollyhock, Double Red**—Finest scarlet and red. Pkt., 10c.

**Larkspur Delphinium**—A mixture of all colors. Pkt., 10c.

**Phlox, Hardy Perennial**—Large and showy; mixed colors; 3 feet. Pkt., 10c.

**Poppy, Perennial**—Hardy, very effective among shrubbery; mixed hybrids. Pkt., 10c.

**Rudbeckia** (Also called Golden Glow)—Grows about 2 feet high, forming a many-branched dense bush, color disk brown; florets yellow with brown spots at the base; 3 feet. Pkt., 10c.

**Sweet William, Single**—Handsome flowers; mixed. Pkt., 5c.

**Sweet William, Double**—Finest double flowers. Pkt., 10c.



Sweet William, Single



Double Hollyhock

## 16—Roses—16

For Only \$1.00, Parcel Post Paid.

All two-inch well rooted plants, best varieties in following colors:

- |               |               |
|---------------|---------------|
| 2 White       | 2 Blush White |
| 2 Pink        | 2 Crimson     |
| 2 Cream       | 2 Deep Yellow |
| 2 Flesh Color | 2 Striped.    |

Try this selection. You will be well pleased.



# Summer Flowering Bulbs

All Bulbs will be sent separately from Flowering or Greenhouse Plants.

The summer flowering bulbs for spring planting contained in the following list are inexpensive, very easily grown and produce some of the most showy and beautiful of all summer and autumn flowers. There are but few flowers that can compare with the noble and brilliant spikes of the Gladiolus, the grace and elegance of the Lily, the purity and sweetness of the Tuberose, the majestic foliage of the Caladium.



Double Dahlias

## Dahlias.

The Dahlia is one of the showiest of all autumn flowers. Commencing to flower in July, they are a perfect blaze of bloom until stopped by frost. Double Pink Double Purple Double Scarlet Double Yellow Double White Double Striped Price, any shade, each, 20c; doz., \$1.75, parcel post paid. By express, each, 15c; 2 for 25c; 12 for \$1.25.

## Named Dahlias.

Ten Best Varieties in separate colors. Price, each, 25c; 12 for \$2.50.

By parcel post, each, 35c; 12 for \$2.85.

Easton—A brilliant Turkish or Oriental red, free flowering.

Galathea—A delightful soft pink cactus Dahlia, good size.

Jack Ross—One of the most desirable crinoid decorative Dahlias.

Lawine—Very large cactus Dahlia, white with tint blush.

Minnie McCullough—Color soft yellow, overlaid with bronze, a beautiful tint.

Princess Victoria—A free flowering clear yellow show Dahlia.

Red Hussar—Pure cardinal red, a superb show variety.

Sylvia—Soft, pleasing mauve pink, splendid decorative sort.

Robt. Broomfield—Free blooming, large double white show Dahlia.

Souv. de Gustav Douzon—Pure red in color, the largest decorative variety, free bloomer.

One each of the above ten varieties for \$2.00; by parcel post, \$2.25.

## Gladiolus.

Planted during the very early spring they will produce handsome cut flowers that will last for a week or more.

Hybrid, Fine Mixed—By parcel post, doz., 35c; per 100, \$1.75. By express, not prepaid, doz., 25c; per 100, \$1.50.

Childsii Mixed—By parcel post, doz., 50c; per 100, \$2.25. By express, not prepaid, doz., 40c; per 100, \$2.00.



Gladiolus Childsii

## Named Gladiolus Bulbs.

Large Bulbs, True to Color.

America—Soft lavender pink, very fine.

Augusta—Pure white, with blue anthers, tall.

Brenchleysis—Intense scarlet, tall spike, very showy.

Pink Beauty—Large flower, dark pink, long spike.

Price, any of above, doz., 45c; 50, \$1.25; 100, \$2.25, parcel post paid. By express, at buyer's expense, doz., 35c; 50, \$1.10; 100, \$2.00.



Cannas, Chas. Henderson



Tuberose, Double Pearl

## Tuberoses.

Tuberose, Double Pearl—Doz., 35c, parcel post paid. By express, doz., 25c; 100, \$1.50.

Tuberose, Single Albino—Doz., 40c, parcel post paid. By express, doz., 30c; 100, \$2.00.

Armstrong's Ever-Blooming—This variety blooms year after year and produces single pure white flowers of a fragrance similar to that of the "Jasmine." Each, 10c; 3 for 25c; doz., 75c, parcel post paid.

## Cannas.

A fine foliage plant; a rapid grower, producing large trusses of beautiful flowers from early summer to late in the autumn.

Hungaria—The new Pink Canna. Trusses of enormous size, borne well above the foliage. Flowers very large with broad petals. Color purest La France pink with satin sheen. The most delicate pink in Cannas.

Each, 20c; 6 for \$1.00; 12 for \$1.50, parcel post paid.

King Humbert—Magnificent giant flowers of pure orange scarlet, produced in great trusses, setting off to great advantage the handsome leathery bronze foliage; 4 feet. Each, 15c; doz., \$1.25, parcel post paid.

## Standard Cannas.

Price, each, 15c; 12 for \$1.00, parcel post paid. By express, at buyer's expense, each, 10c; 12 for 75c.

Chas. Henderson—Beautiful vermilion; 4 feet.

Express—Brightest scarlet color; 2½ feet.

Betsy Ross—Soft pink; 3½ feet.

Florence Vaughan—Golden yellow, spotted red; 5 feet.

Butter Cup—Fine bright yellow; 3½ feet.

## Caladium Bulbs.

Caladium Esculentum—Elephant's Ears. Effective as a single plant on a lawn or in groups.

Small Bulbs—Price, by parcel post, each, 15c; doz., \$1.25. By express, not prepaid, each, 10c; doz., \$1.00.

Large Bulbs—Price, by parcel post, each 25c; doz., \$2.50. By express, not prepaid, each, 20c; doz., \$2.00.

Extra Large Bulbs—Price, by parcel post, each, 45c; 3 for \$1.25. By express, not prepaid, each, 35c; 3 for \$1.00.

## Peonies.

They have become indispensable in every garden. They are all hardy and admirably suited to our Southern climate, growing in almost all situations, and even flourishing under shade trees.

Red, Pink or White—Each, 25c, parcel post paid. By express, not prepaid, each, 20c; doz., \$2.00.

## Named Varieties Peonies.

All Extra Select Bulbs, Best Colors.

Eudulis Superba—Deep rose pink, a beautiful double blossom.

Francis Ortegat—Brilliant carmine, one of the richest dark varieties.

Festiva Maxima—The finest white variety in cultivation.

Eduard Andre—Dark carmine violet with metallic reflex.

Price, each, 50c; 4 for \$1.60. By parcel post, each 60c; 4 for \$1.80.

## Cinnamon Vine.

Hardy climber, with dark green foliage, and late in the season, bearing a profusion of small white flowers of a delicious cinnamon fragrance. Each, 10c; doz., \$1.00, parcel post paid.

## Madeira Vine.

A beautiful, rapid growing climber, very pretty and useful. Each, 10c; doz., 60c, parcel post paid.



# Roses and Greenhouse Plants

**PLANTS BY PARCEL POST**—We send free by parcel post all plants in this department at prices quoted. They are, however, not as large as those we send by express.

**PLANTS BY EXPRESS**—Prices quoted here do not include prepayment of express charges. The express size plants are larger and can be packed to better advantage, and we are sure that customers will not grudge the extra outlay in receiving larger and better plants than when sent by parcel post. Be sure to advise us if we shall send by express or parcel post. If customers do not give instructions we will forward the order by express, charges collect.

## Bedding Roses.

Prices uniform as follows:

1-year-old plants,  
each.....\$ .25; 6 for \$1.40; 12 for \$2.50  
2-year-old plants,  
each......35; 6 for 1.80; 12 for 3.00



American Beauty Rose

**American Beauty**—Deep pink, exquisite in form and fragrance.

**Bride**—This standard white rose is of perfect form and color.

**Bridesmaid**—The favorite pink tea rose, buds solid and firm.

**Catherine Mermet**—Light rosy flesh color, large full and globular.

**Clothilde Soupert**—Blending shell pink to satiny white, strong grower.

**Duchess De Brabant**—Copper yellow center, petals suffused with carmine.

**Francesca Kruger**—Deep coppery yellow, distinct from all others, very fine.

**Gruss-Aus-Teplitz**—A rose for everybody, succeeds everywhere, a glowing rich scarlet.



Hermosa Rose

**Hermosa**—A deep shade of soft pink color, very fragrant, good bloomer.

**Kaiserin Augusta Victoria**—A continuous bloomer, always gives satisfaction, large, pure white.

**La France**—Silvery rose shaded pink, fragrant and of superb form.

**Madam Lombard**—The great Southern rose, one of the very best pink varieties.

**Marie Van Houtte**—Clear straw yellow, faultless in form, good bloomer.

**Meteor**—An old favorite, a brilliant velvety crimson color.

**Mad. Jos. Schwartz**—Pure white tinted rose, succeeds in any garden.

**Pink Cochet**—Large pink flowers on long stems, one of the most popular.

**Pink Killarney**—A sparkling beautiful pink rose, very large buds and flowers.

**Paul Neyron**—One of the finest hardy roses grown, long stems, a bold pink shade.

**President Taft**—A shining deep pink rose, free bloomer and of good size.

**Rhea Reid**—Buds long oval pointed, a beautiful rich crimson flower, highly recommended.

**Sombreuil**—Flowers large size, white, tinted pink, a grand variety.

**Safrano**—Bright apricot yellow, changing to orange, very fragrant.

**Segand Weber**—Rosy salmon, a fine strong grower, flowers of beautiful form.

**Souv. de Ami**—Shaded salmon on pink ground, an excellent rose for outdoor planting.

**White La France**—Fine outdoor rose, pearly white, sometimes tinted fawn.

**White Killarney**—Purest white, identical with Pink Killarney, excepting in color.

## The Marechal Niel Family.

**Yellow Marechal Niel**—A beautiful deep sulphur yellow, very large and fragrant. We have a grand stock of this variety.

**The Red Marechal Niel**—Buds and flowers the same as the yellow; color carmine red.

**The White Marechal Niel**—Identical with its sister variety, except in color and flowers. The color is pure white.

1-year-old .....each, \$ .35

2-year-old .....each, .60

Extra large plants .....each, 1.00

## Climbing Roses.

**Cloth of Gold**—Flowers deep golden yellow, one of the finest climbers.

**Crimson Rambler**—Bright crimson color, grows rapidly, vigorous and hardy.

**Climbing Meteor**—Velvety red buds and flowers, rich in color, hardy.

**Climbing Kaiserin**—Full and double pearly white, with delightful fragrance.

**Marie Guillot**—Clear ivory white, extra large blossoms, deep and double.

**Pink Rambler**—Identical with Crimson Rambler, excepting in color, always hardy.

**Reine Marie Henrietta**—A brilliant cherry red, extra large flowers, free bloomer.

**Thousand Beauties**—The blossoms show a variety of colors, a splendid climber.

**White Rambler**—A white climber of indescribable charm and vigorous growth.

**Dorothy Perkins**—Beautiful shell pink, blooms in clusters, very showy.

1-year-old plants,  
each.....\$ .25; 6 for \$1.40; 12 for \$2.50

2-year-old plants,  
each......35; 6 for 1.80; 12 for 3.00

## Begonias.

Each, 20c; 3 for 50c; 12 for \$1.75.

**The Rex Family**—The handsomest of all Begonias.

**Rubrum**—Pinkish metallic luster.

**Sandersonii**—Scarlet shade of crimson.

**Thurstonii**—Deep pink.

**Erfordia**—Light cherry red.

**Pres. Carnot**—Coral red.



Jubilee Carnation

## Carnations.

Each, 15c; 3 for 40c; 12 for \$1.50.

**America**—Light scarlet.

**Enchantress**—Light pink.

**Mrs. Thomas Lawson**—Deep cerise pink.

**Boston Market**—Pure white.

**Jubilee**—Scarlet.

**Prosperity**—Striped pink and white.

## Three-Year-Old Bedding Dormant Roses.

Large, strong 3-year Rose Plants that were dug last fall and have been kept in a dormant state. They are as hardy as trees and will grow off and make fine bushes and flowers the first season. We can furnish the following colors any time after the first of March:

**Etoile de Lyon**—One of the finest yellow roses.

**Kaiserin Augusta Victoria**—Puresnow white.

**Maman Cochet**—Best pink, large blossoms.

**Mrs. R. B. Cant**—Fine bright rose, good size.

**Rhea Reid**—Beautiful crimson, a fine shade.

**Sunburst**—Orange copper and golden yellow.

**Pres. Wm. R. Smith**—Buff yellow and pink.

**Crimson Globe**—Deep crimson, a handsome variety.

Price, each, 50c; 6 for \$2.50; 12 for \$4.00.

By parcel post, each, 60c; 6 for \$2.70; 12 for \$4.35.



# General Collection of Plants

## Cannas.

Each, 15c; 6 for 75c; 12 for \$1.00.

Austria—Golden yellow.  
Express—Dark crimson.  
Chas. Henderson—Bright crimson.  
Hungaria—A clear rose pink.  
Florence Vaughn—Yellow, with red.  
King Humbert—Deep orange, very large.



Golden Chadwick Chrysanthemum

## Chrysanthemums.

Each, 15c; 3 for 40c; 12 for \$1.25.

Black Hawk—Large size blossoms, deep velvety crimson.  
Golden Chadwick—The grandest golden yellow variety.  
Chrysolora—Canary yellow, splendid large flower.  
Early Snow—A pure ivory white flower, good size.  
Golden Wedding—One of the very best deep yellow varieties.  
Dr. Enquhard—Deep pink incurved petals, very showy.  
Monrovia—Deep orange yellow.  
Pacific Supreme—The finest pink, flower largest size.

## Clematis.

Each, 50c; 4 for \$1.50.

Clematis Henryi—Fine large creamy white.  
Clematis Jackmanii—Violet purple.  
Clematis Paniculata—One of the best climbers, snow white.

## Coleus.

Each, 8c; 12 for 75c.

Sensation—Crimson maroon.  
Yellow Bird—Golden yellow.  
Golden Beauty—Dwarf yellow.  
Perfection—Bright crimson.  
Firebrand—Brilliant scarlet.  
Grace Adams—Green, with red.  
Rainbow—Red, gold, green.  
Brilliancy—A very bright crimson.

## Hibiscus.

Each, 15c; 3 for 40c; 12 for \$1.50.

Single—Scarlet.  
Double—Crimson.

## Fuchsias.

Each, 15c; 3 for 40c; 12 for \$1.50.

Black Prince—Waxy carmine.  
Phenomenal—Bright cobalt red, with violet shade.  
New Trailing Queen—Fine for baskets, very free bloomer.

## Hydrangeas.

Large Plants, each, 35c; 6 for \$1.75.

Monstrosa—Color deep rose.  
Thomas Hogg—Pure white.  
Otaska—Pink.

## Heliotrope.

Each, 15c; 3 for 40c; 12 for \$1.50.

Picciola—Flower very large, dark heliotrope color.  
Florence Nightingale—Bright lavender.  
Madame Bruant—Rich purple, with white eye.  
Czarina—Very dark.



Florence Nightingale Heliotrope

## The Jasmine Family.

Each, 15c; 3 for 40c; 12 for \$1.50.

Confederate Jasmine—A fine climber.  
Cape Jasmine—Pure double white.  
Grand Duke—Large double white.  
Maid of Orleans—Creamy white.  
Night Blooming Jasmine—Very easy grower. Blooms at night only; very fragrant.



Weeping Lantanas

## The Lantana Family.

Each, 15c; 3 for 40c; 12 for \$1.50.

New Weeping Lantana—One of the best plants for baskets, vases, etc., also for bedding. Color of flowers is lilac pink.  
Lantanas, Emily Bayard—Orange and pink.  
Lantanas, Corbeille d'Argent—Pure white.  
Lantanas, Crusalis—Clear yellow.  
Lantanas, Franciere—Rosy lilac.  
Lantanas, Miss Memphis—Deep yellow.

## Otaheite Orange.

Each, 25c.

As a pot plant the Orange is one of the most novel and beautiful that can be grown. It begins to bear fruit when quite small; not over 18 inches high.

## Marguerite Daisy.

Flowers 2½ to 3 inches in diameter. Pure white color, very showy. 15c each, 3 for 40c; 12 for \$1.25.

## Geraniums.

Each, 15c; 3 for 40c; 12 for \$1.50.

### Single Geraniums.

Athlete—Vivian scarlet.  
Clyde—Rich red.  
Electric—Brilliant scarlet.  
J. D. Cabos—Soft pink.  
Mrs. E. G. Hill—Bright salmon.  
Queen of the West—Orange Scarlet.  
Admiration—Salmon.  
Telegraph—Deep orange.



Queen of the West Geranium

### Double Geraniums.

Alphonse Ricard—Orange Scarlet.  
Glory de France—Salmon white.  
Hedwig Buchner—Pure white.  
Jean Viand—Large pink.  
S. A. Nutt—The best crimson.  
President Simon—Scarlet.  
Mad. Landry—Salmon.

### Fancy Geraniums.

Wm. Langguth—Double crimson.  
Madame Salleri—Silver leaf, very showy.  
Mrs. Pollock—Fancy variegated leaves.  
Happy Thought—Leaves green and yellow.  
Livingston—Skeleton leaf, fragrant.

### Scented Geraniums.

Each, 15c; 2 for 25c.



White Moon Vine

## Moon Vine.

Each, 15c; 3 for 40c.

White.

Blue.

## Pansies.

Each, 10c; 12 for 75c.

We grow the largest and finest Pansies in the South.

## Plumbago.

Each, 15c; 3 for 40c.

Sky Blue.

White.



# General Collection of Plants

## Petunias.

Single varieties, each, 10c; 12 for 75c.

Double varieties, each, 20c; 6 for \$1.00

We have very choice colors in double and single Petunias.

## Ponderosa Lemon, American Wonder.

Each, 25c.

Superb fruit has been taken from the tree weighing over 1½ pounds; it is of very easy culture. The flowers are very fragrant.



Ponderosa Lemon



Asparagus Plumosus

## Salvias.

Each, 15c; 12 for \$1.00.

Salvia, Lord Fontleroy—Dwarf flowering.

Salvia, Silverspot—Foliage spotted, with white spots.

## Verbenas.

Each, 10c; 12 for 75c.

We offer a choice selection in white, crimson, purple, oculated, striped and variegated.

## Vinca.

Also called Perrywinkle. Fine for borders or beds. White, pink, purple, pink eye. Each, 10c; 3 for 25c; 12 for \$1.00.

## Violets.

Each, 10c; 12 for \$1.00.

Marie Louise—Double dark blue.

California—Single, rich dark blue.

Hardy English—Deep violet purple.



Swainsonia

## Decorative Plants.

Boston Fern—So well known it needs no description. Each, 25c.

Nephrolepis Whitmanii—The fronds are fine cut, dwarf in habit, very easy grown. Each, 35c.

Umbrella Plants—Each, 15c.

Ficus Elastica, Rubber Plant—Each, 50c.

Sanseveria Zealanica—Each, 25c.

Dracena Indivisa—Very ornamental. Each, 25c.

Grevilla Robusta—Called Silk Plant. Each, 25c.

## Ornamental and Hardy Vines.

Chinese Kudzu Vine—Adapted for covering arbors or verandas, especially where rampant vines and large leaves are required. Thrives in almost any well drained soil. Each, 25c.

Boston Ivy—Entirely hardy in the most exposed places; clinging to stones, brick and woodwork with the greatest tenacity. For covering walls, dead trees, gate posts, etc., it has no equal. Each, 20c.

English Ivy—A beautiful evergreen vine. Each, 15c.

German Ivy—Light green leaves. Each, 15c; 3 for 40c.

## Hardy Carnation Pinks.

Each, 20c; 3 for 50c.

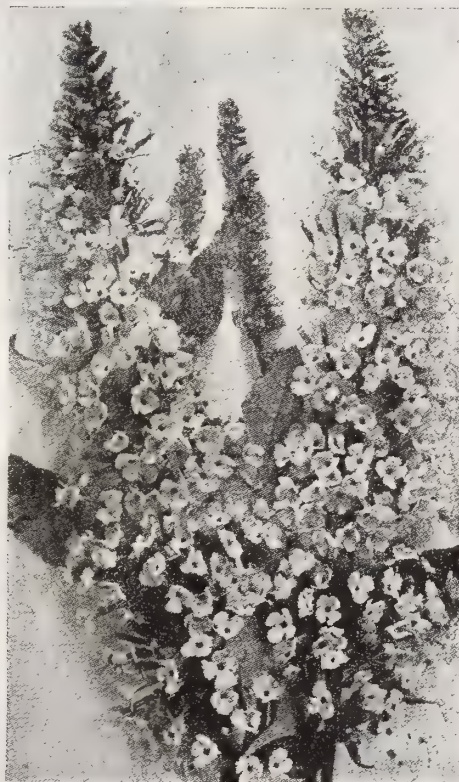
Her Majesty—All pure white.

Essex Witch—Cherry red.

Sano de Sale—Pink.

## Hardy Phlox.

Perennials that grow anywhere, good bloomers. Red, white, pink. 20c each; 3 for 50c; 12 for \$1.75.



Butterfly Bush

## Butterfly Bush or Summer Lilac.

A valuable hardy plant. Blooms all summer. The flowers are produced on long, graceful stems, which terminate in tapering panicles of beautiful lilac colored flowers. It is a rapid grower and in two seasons will make a large spreading bush 4 to 6 feet high. Price, each, 35c; 3 for \$1.00.

## Miscellaneous Plants.

Acalypha Marginata—Dark bronze, with rose margined leaves. 15c.

Acalypha Sanderi—Chenille plant; the most ornamental plant. 20c each; 3 for 50c.

Acalypha Tricolor—Highly colored leaves, bright red, blotched with crimson bronze. 15c each; 3 for 40c.

Achyranthes—Fine bedding plant. Each, 10c; 3 for 25c.

Ageratum, Princess Pauline—Blue. Each, 10c; doz., 75c.

Ageratum, Stella Guernsey—Intense blue. Each, 10c; doz., 75c.

Ageratum, White Pet—White. Each, 10c; doz., 75c.

Althernantheras—Red or yellow. Each, 10c; 3 for 25c.

Alyssum, Double Giant—Large flowers. Each, 10c; doz., 75c.

Alyssum, Little Gem—Single. Each, 10c; doz., 75c.

Archilla—Also called Pearl Plant. Each, 10c;

Asparagus Plumosus Nanus—The most beautiful plant for house culture. Each, 15c; 3 for 40c.

Asparagus Sprengeri—The best house and basket plant. Each, 15c; 3 for 40c.

Asters—Early flowering; white, purple, red. Each, 10c; 12 for \$1.00.

Asters—Late flowering; white, purple, red. Each, 10c; 12 for \$1.00.

Centaurea, Dusty Miller—Each, 10c; 12 for 75c.

Cobea Scandens—Climbing vine. Each, 20c; 3 for 50c.

Cuphea—Cigar plant. Each, 10c; 6 for 50c.

Daisies—Hardy white. Each, 10c; 6 for 50c.

Dahlias—Twenty varieties. Each, 20c; 3 for 50c.

Dianthus—Summer plants. Each, 10c; 6 for 50c.

Dusty Miller—For borders, very showy. Each, 10c.

Feverfew—Double white. Each, 10c; 6 for 50c.

Gaillardia—Hardy border plant. Each, 25c.

Glechoma—Variegated Ground Ivy. Each, 25c; 3 for 60c.

Hollyhock—Single and double, crimson, pink, white, salmon, yellow. Each, 20c; 3 for 50c.

Impatiens, Evening—Wax orange. Each, 15c; 6 for 75c.

Impatiens, Portia—Rose pink. Each, 15c; 6 for 75c.

Impatiens, Sultani—Rosy lilac. Each, 15c; 6 for 75c.

Lemon Verbena—Each, 15c; 3 for 40c.

Longfellow Daisy—Hardy, of easy culture, white flowers. Each, 15c; 3 for 40c; 12 for \$1.25.

Manettea Alcolor—Flame colored flower. Each, 15c; 3 for 40c.

Nasturtium—Tall or climbing. Each, 10c; 12 for 75c.

Nasturtium—Dwarf. Each, 10c; 12 for 75c.

Nurembergia Elegans—Each, 10c.

Phlox, Drummondii—All colors. Each, 10c; 3 for 25c.

Pilea Artillery Plant—Fern-like foliage. Each, 15c; 6 for 75c.

Primula, Malacoides—Lavender, blue flowers. Each, 35c.

Primula, Obconica—Large fringed Hybrids. Each, 35c.

Rudbeckia—The popular Golden Glow. Each, 25c.

Russelia—A fine window box plant. Each, 10c.

Saxifraga Sarmantosa—Adapted for hanging baskets. Each, 10c.

Smilax—Fine house vine. Each, 20c; 3 for 50c.

Snap Dragon—Three varieties. Each, 10c.

Solanum Meloni—Red Berry plant. Each, 25c.

Swainsonia—White and red. Each, 10c.

Thunbergia—Black-eyed Susan. Each, 10c; 12 for \$1.00.

Tradescantia, Wandering Jew—Each, 10c; 12 for 75c.

Wall Flower—A showy plant, continuous bloomer. Each, 15c; 3 for 40c; 12 for \$1.25.



# Tested Vegetable Seeds for Southern Planters

In the following pages we have endeavored to list the cream of all varieties best adapted to the South, weeding out many varieties that are catalogued by Northern seedmen, but which experience has proven to us to be untrustworthy in this section. We take great pains to inform ourselves fully as to the true character of everything offered, as it is our constant aim to gain and hold the confidence of all our customers.

## Asparagus.

One Ounce Will Sow 40 Feet of Drill.

Sow in spring as soon as the soil is in good working condition. Cultivate during summer, and give the plant a light covering of stable litter during winter. At one or two years, transplant to permanent beds.

**Bonvalet's Giant**—This is a very large variety, vigorous and of fine flavor. Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 65c, parcel post paid.

**Palmetto**—A fine variety, producing very large asparagus. Very early and adapted to all climates. Pkt., 5c; 1 oz., 10c; ¼ lb., 25c; 1 lb., 60c, parcel post paid.



Palmetto Asparagus.

## Asparagus Roots.

For private use or for marketing on a small scale, beds should be formed 5 feet wide, with 3 rows planted in each, one in the middle and one on each side a foot from the edge; distance between the plants in the row, 9 inches.

Price by express at purchaser's expense, 2-year roots, doz., 25c; 50 for 50c; 100 for 75c; 1000 for \$6.00. 3-year roots, doz., 40c; 50 for \$1.00; 100 for \$1.50; 1000 for \$10.00.

Price by parcel post, 2-year roots, doz., 35c; 50 for 75c; 100 for \$1.15. Price by parcel post, 3-year roots, doz., 50c; 50 for \$1.25; 100 for \$2.00.

## Artichoke, Globe.

One Ounce Will Produce 500 Plants.

Sow in drills 8 or 10 inches apart; when the plants are well up transplant in rows 4 feet apart and 2 feet apart in the rows. Cover with straw during winter.

**Green Globe French**—Fine large heads. Pkt., 5c; 1 oz., 60c, parcel post paid.

## Brocoli.

Sow as soon as the ground can be worked in the spring. Plant out two feet apart each way. Pkt., 5c; 1 oz., 35c; 2 oz., 60c; ¼ lb., \$1.00, parcel post paid.

## Brussels Sprouts.

Sow about the middle of March and treat generally as directed for cabbage. Pkt., 5c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 60c, parcel post paid.

## Sugar Beets and Mangels.

**Culture**—Sow in drills 2 feet apart when suitable time comes for sowing oats and planting corn. When plants are 2 or 3 inches high, thin or cut out with hoe to 8 to 12 inches apart. Five to six pounds will plant an acre.

Price, any of the following varieties, Pkt., 5c; 1 oz., 10c; ¼ lb., 20c; ½ lb., 35c; 1 lb., 60c; 5 lb., \$2.60, parcel post paid. By express or freight, ½ lb., 30c; 1 lb., 50c; 5 lb., \$2.40.

**Giant Feeding Sugar Beet.**

**Klein Wanzleben Sugar Beet.**

**Lane's Imperial Sugar Beet.**

**Golden Tankard Mangel Beet.**

**Mammoth Long Red Mangel Beet.**

## Standard Varieties of Beets.

Parcel Post Paid.	1 oz.	2 oz.	¼ lb.	1 lb.
Detroit Dark Red	.15	.25	.40	1.50
Early Blood Turnip	.10	.20	.30	.90
Extra Early Bassano	.10	.20	.30	.85
Long Blood Red	.10	.15	.25	.90

Market Gardeners' Bulk Price List of the above varieties of Beets given on page 2.

## Swiss Chard or Silver Beet.

This beet produces leaves only, excellent as greens. Cultivate same as spinach, sowing the seed in early spring in drills 1½ feet apart. **Swiss Chard**, Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.00, parcel post paid.



Swiss Chard or Silver Beet.

## Table Beets.

One ounce to 50 feet drill; 4 to 5 pounds to the acre in drills. Beets require a deep, rich and mellow soil. Drop about 1 inch deep in drills 12 inches apart. Thin to 6 and 12 inches, and hoe often until the tops cover the ground. In dry weather it is a good idea to soak the seed before planting. Pkt., 5c; 3 for 10c, any variety, postage paid.

**Crosby's Improved Egyptian**—The earliest beet in the market; it is deep red, almost black in color and of fine quality; sweet, tender and smooth. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, parcel post paid.

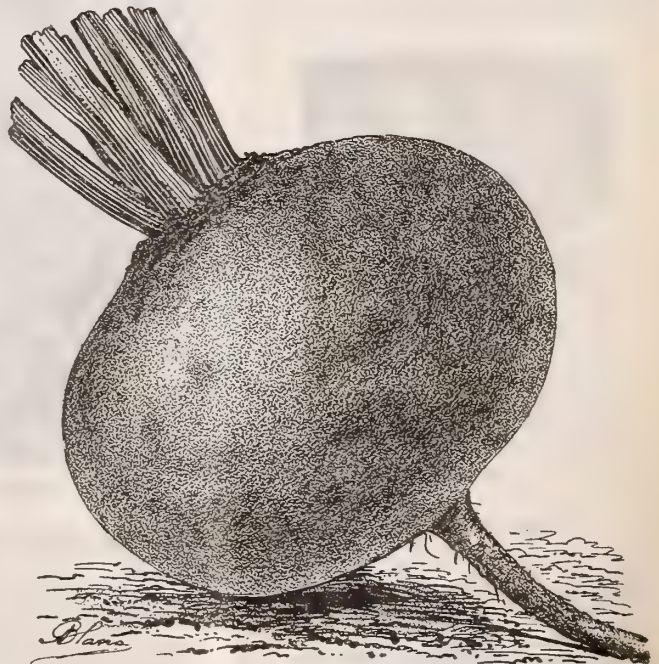
**Market Gardener's**—Our leader. Very early, beautiful round form, smooth, flesh blood red and an excellent keeper. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.50, parcel post paid.

**Landreth's Best**—Very early, round rooted, dark red skin; flesh a beautiful crimson, of fine quality. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.50, parcel post paid.

**Schwill's Leader Beet**—A new variety, darker in color than Eclipse, and slightly larger, flesh tender and sweet. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.50, parcel post paid.

**Eclipse**—Nearly globular, smooth and with very small tap root, and very small collar; flesh fine grained, blood red. 1 oz., 10c; 2 oz., 20c; ¼ lb., 35c; 1 lb., \$1.10, parcel post paid.

**Schwill's Excelsior**—The color of the flesh is very dark red. It is tender, sweet and juicy, retaining its crispness through the season. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.50, parcel post paid.



Crosby's Improved Egyptian Beet.



# Dwarf or Bush Beans

One quart to 100 feet drill;  $1\frac{1}{2}$  bushels to the acre in drills. Plant when all danger of frost is over. Drop the beans 2 or 3 inches apart in rows, standing 18 inches to 2 feet apart. Hoe often—never when the vines are wet, or they will rust, drawing the earth slightly toward them.

Inoculate this  
Seed with  
**FARMOGERM.**

## Dwarf Green Pod Varieties.

**Tennessee Green Pod Bush Beans**—Pods large dark green, fleshy and tender, and a splendid bearer; vines very hardy, stands heat well.  $\frac{1}{2}$  pt., 20c; pt., 30c; qt., 50c; 4 qts., \$1.50, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 35c; 4 qts., \$1.25.

**Giant Stringless Green Pod**—A new early variety, producing an abundance of long, stringless, round green pods of excellent quality.  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 4 qts., \$1.75, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 40c; 4 qts., \$1.50.

**Improved Early Red Valentine**—Desirable for market or family use, being early, productive and tender.  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 4 qts., \$1.50, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 35c; 4 qts., \$1.25.

**Black Valentine**—Resembles the Red Valentine; the pods are round, dark green, very fleshy; for early or late planting it is a most valuable bean.  $\frac{1}{2}$  pt., 15c; pt., 30c; qt., 50c; 4 qts., \$1.75, parcel post paid. By express,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 40c; 4 qts., \$1.50.



Burpee's Stringless Green Pod Bunch Beans.

**Burpee's Stringless Green Pod**—Entirely stringless. Pods are very tender and fine flavor.  $\frac{1}{2}$  pt., 20c; pt., 35c; qt., 60c; 4 qts., \$2.00, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 50c; 4 qts., \$1.75.

## Standard Varieties Wax Bush Beans.

Prices uniform, as follows— $\frac{1}{2}$  pt., 20c; pt., 35c; qt., 60c; 4 qts., \$2.00, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 15c; pt., 30c; qt., 50c; 4 qts., \$1.75.

Burpee's Kidney Wax.

German or Black Wax.

Flageolet Violet Wax.

Golden Wax Improved.

## Bush or Dwarf Lima Beans.

Plant about first of May in rows wide enough to work, dropping beans six inches apart, covering one and one-half inches. Hoe often, but only when leaves are dry. One quart will sow 200 feet of drill.

**Fordhook Bush Lima**—One of the latest new varieties, immense white beans, fully as large as the Pole Limas, which are produced in abundance.  $\frac{1}{2}$  pt., 20c; pt., 30c; qt., 50c; 4 qts., \$1.75, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 40c; 4 qts., \$1.50.

**Henderson's Bush Lima**—A dwarf form of the Small Lima. Pods short, fat and containing from 2 to 4 beans; superior in quality.  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 4 qts., \$1.60, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 35c; 4 qts., \$1.35.

**Wood's Prolific Bush Lima**—Both pods and beans larger than Henderson's Bush Lima.  $\frac{1}{2}$  pt., 15c; pt., 30c; qt., 50c; 4 qts., \$1.60, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 40c; 4 qts., \$1.35.

## Standard Green Pod Bush Beans.

$\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 4 qts., \$1.75, parcel post paid.

By express or freight, not prepaid, prices as follows— $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 40c; 4 qts., \$1.50.

Hopkins Early Valentine.

White Kidney.

Mohawk Six Weeks.

White Marrow.

Extra Early Refugee.

White Navy.

Long Yellow Six Weeks.

## Dwarf Yellow Wax Pod Varieties.

**Davis White Wax**—One of the most popular wax beans. Long, handsome, yellow pods of fine quality.  $\frac{1}{2}$  pt., 20c; pt., 35c; qt., 60c; 4 qts., \$2.00, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 50c; 4 qts., \$1.75.



Currie's Rust Proof Wax Bunch Beans.

**Currie's Rust Proof Wax**—Very productive, rustless; long pods, which are very crisp, brittle and tender when young. Fine for shipping.  $\frac{1}{2}$  pt., 20c; pt., 35c; qt., 60c; 4 qts., \$2.00, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 50c; 4 qts., \$1.75.

**Golden-Eyed Wax**—An extra early, hardy variety of fine quality; long, round, meaty pods of rich golden yellow.  $\frac{1}{2}$  pt., 20c; pt., 35c; qt., 60c; 4 qts., \$2.00, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 15c; pt., 30c; qt., 50c; 4 qts., \$1.75.





# Pole or Running Beans



Scotia or Cornfield Beans

**Scotia or Cornfield**—A superb long green bean, succeeding better when planted in cornfields than any other variety. Pods average 8 or 9 beans to the pod, grow very uniform, about 6 inches long, thick meated, rich and buttery.  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 50c; 4 qts., \$1.75, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 40c; 4 qts., \$1.50.

**Lazy Wife's Pole**—Pods of medium dark green color, broad, thick and very fleshy.  $\frac{1}{2}$  pt., 20c; pt., 30c; qt., 50c; 4 qts., \$1.70, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 40c; 4 qts., \$1.50.

**White or Southern Creasback**—A popular early green-podded, pole bean for snapshirts. Pods grow in clusters and are from 5 to 6 inches in length, perfectly round, being deeply creased or "saddle-backed."  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 50c; 4 qts., \$1.45, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 40c; 4 qts., \$1.25.

**Golden Cluster Wax Pole**—Large podded variety. The pods usually 7 inches or more in length, are meaty, entirely stringless.  $\frac{1}{2}$  pt., 15c; pt., 30c; qt., 50c; 4 qts., \$1.65, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 40c; 4 qts., \$1.40.

**Red Speckled Cut Short**—A very good pole or cornhill bean.  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 4 qts., \$1.40, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 35c; 4 qts., \$1.25.

**Southern Prolific**—A well known variety, very productive.  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 4 qts., \$1.40, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 35c; 4 qts., \$1.25.

## Pole Lima and Butter Beans.

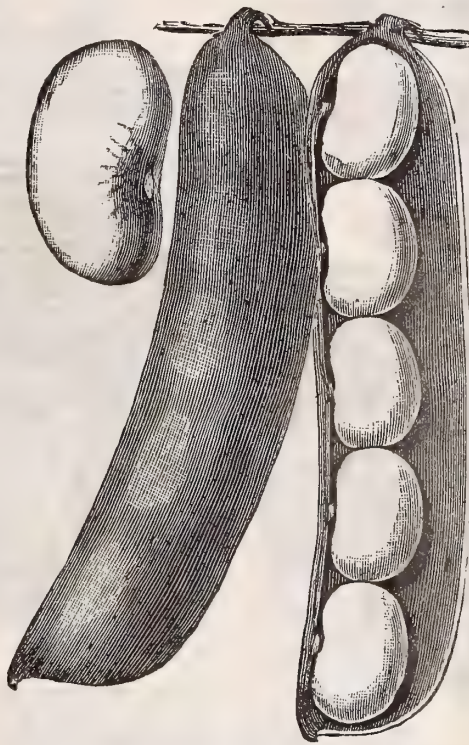
One quart will plant about 150 hills. Culture the same as for other Pole Beans. Sow seed about the middle of April, not sooner. The ground must be warm, otherwise the beans will rot.

One quart will plant about 150 hills. Plant in hills, from 5 to 6 seeds in each, about 2 inches deep; the hills should be 4 feet apart.

Inoculate this Seed with FARMOGERM.

**Kentucky Wonder**—Early, very prolific sort, with showy pods which are of most excellent quality. The vines are vigorous, climbing well and very productive, bearing pods in large clusters. The pods are medium light green, very long, often reaching nine or ten inches.  $\frac{1}{2}$  pt., 15c; pt., 30c; qt., 50c; 4 qts., \$1.50, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 35c; 4 qts., \$1.25.

**Kentucky Wonder Wax**—An excellent variety. The pods are long, very thick, meaty, deeply saddle-backed, entirely stringless, and bright yellow in color.  $\frac{1}{2}$  pt., 15c; pt., 30c; qt., 50c; 4 qts., \$1.75, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 40c; 4 qts., \$1.50.



Schwill's Ideal Pole Butter Beans.



Kentucky Wonder Pole Beans

## Schwill's Ideal Butter Bean.

This is an improved strain of the small type regular Butter Bean. Both pods and beans are larger than the Sieve, in fact they are very near as large as Large White Lima, and are simply wonderfully productive, the vines always loaded with delicious tender beans, which cook as soft as butter. Take our word for it; they are fine.  $\frac{1}{2}$  pt., 20c; pt., 35c; qt., 60c; 4 qts., \$1.80, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 15c; pt., 30c; qt., 50c; 4 qts., \$1.50.

## Schwill's Calico Pole Butter Beans.

The most wonderful producer in the world. The beans are all colors, blotched, blue and red mottled, medium in size and superb in quality. This is an old garden variety that was lost track of for some time, but we have been fortunate in having a nice stock grown the past season. Don't miss Calico Beans when making up your order.  $\frac{1}{2}$  pt., 25c; pt., 40c; qt., 75c; 4 qts., \$2.25, parcel post paid. By express not prepaid,  $\frac{1}{2}$  pt., 20; pt., 30c; qt., 60c; 4 qts., \$2.00.

**Carolina or Small Lima**—The true Butter Bean. Seeds are small but very prolific.  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 50c; 4 qts., \$1.45, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 40c; 4 qts., \$1.25.

**Large White Lima**—Beans greenish white, large size and of excellent flavor.  $\frac{1}{2}$  pt., 15c; pt., 30c; qt., 45c; 4 qts., \$1.50, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 35c; 4 qts., \$1.25.

**Schwill's Monstrous Lima**—The pods and beans are of enormous size, and of superior quality.  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 50c; 4 qts., \$1.60, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 40c; 4 qts., \$1.35.

**King of the Garden Lima**—Vigorous and productive. Beans of very large size, quality first-class.  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 4 qts., \$1.50, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 35c; 4 qts., \$1.25.



# Cabbage

For early use, sow the seed in hotbeds in February or March, or it may be sown about the middle of October and the plants wintered over in cold frames. Transplant in spring, as soon as the ground can be worked, in rows 2 feet apart, and the plants 18 inches apart in the rows. For late or winter use, the seed should be sown in May. One ounce will produce 2,000 plants. Price, any variety of Cabbage Seed, 5c per pkt.; 3 pkts. for 10c, postage paid.

**Early Jersey Wakefield**—A leading variety and one of the best for private or market gardeners' use; conical shape. 1 oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.75, parcel post paid.



Charleston Large Wakefield Cabbage.

**Charleston Large Wakefield**—This is a few days later than the Early Jersey Wakefield, but makes a larger and firmer head. 1 oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.50, parcel post paid.

**Extra Early Eureka**—This is a valuable extra early variety, coming into use as early as Wakefield. The heads are round, slightly flattened and very solid. Fine market gardeners' stock. 1 oz., 50c; 2 oz., 90c;  $\frac{1}{4}$  lb., \$1.50; 1 lb., \$4.50, parcel post paid.



Copenhagen Market Cabbage

**Copenhagen Market**—The best early round or flathead cabbage. The heads are nearly round, slightly flattened, good size, as large as Early Summer and will cut with the Charleston Wakefield. Heads are very hard; compact, of excellent quality. 1 oz., 35c; 2 oz., 60c;  $\frac{1}{4}$  lb., \$1.00; 1 lb., \$3.00, parcel post paid.

**Solid South**—A magnificent cabbage, resembling the Early Summer, but is earlier, larger, more uniform; has fewer outside leaves. 1 oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00, parcel post paid.

**Volga**—A grand variety for late planting; matures early; flat, solid heads. 1 oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.25, parcel post paid.

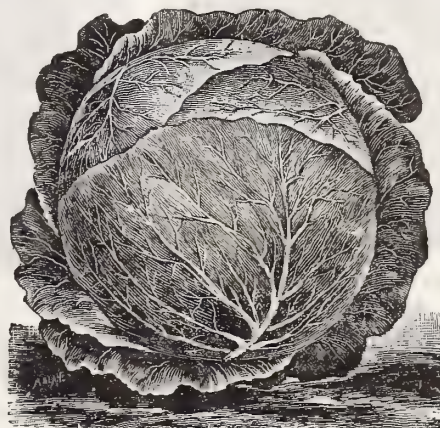
**All Seasons**—An early Drumhead cabbage, yielding heads of the largest size. 1 oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00, parcel post paid.

**Early Flat Dutch**—This is a grand second early cabbage of large size. Larger than Early Summer. 1 oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.25, parcel post paid.

**Surehead**—This variety produces large heads, weighing 15 to 20 pounds. The quality is good, and it can be grown either as a second early or late sort. 1 oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00, parcel post paid.

**Chinese or Celery Cabbage**—This vegetable is called Pe-Tsai, or Cut Cabbage, by the Chinese gardeners. It does not form a cabbage head, but when grown to its full size resembles the Cos Lettuce, and the outer leaves may be used either as a salad or cooked. Pkt., 10c; ounce, 50c.

**Large Late Flat Dutch**—This is the finest strain of Late Flat Dutch Cabbage on the market. The heads are flat, and grow remarkably large, very solid. 1 oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00, parcel post paid.



Succession Cabbage

**Succession**—A very popular Midsummer or second early variety of unquestionable merit; it matures after Early Summer, is larger and more solid. It stands heat and drought very well and never fails to mature a crop. One of the very best cabbages for summer use. 1 oz., 25c; 2 oz., 50c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.50, parcel post paid.

**Large Late Drumhead**—We recommend this for late market. For heading, evenness of crop and size, our strain of this cannot be surpassed. 1 oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00, parcel post paid.

**Schwill's Ideal Winter**—One of the very best late cabbage in existence. It never fails to make a crop; runs heavy in weight owing to its size and solidity. 1 oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.25, parcel post paid.



Schwill's Frost-Proof Drumhead Cabbage

**Schwill's Frost-Proof Drumhead**—By far the hardiest of any cabbage grown; has a short stem and makes a deep blue and wide leaf, making a broad, flat, hard head, all very uniform in size. 1 oz., 35c; 2 oz., 60c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.00, parcel post paid.

**Danish Ball Head**—This extra hard-heading variety of cabbage is used mostly as a winter cabbage. 1 oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00, parcel post paid.

**Large Drumhead Savoy**—This is undoubtedly the finest type of winter cabbage. After having been frosted it boils like marrow, and is not surpassed even by the cauliflower in its best condition. 1 oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.00, parcel post paid.

## Standard Varieties Cabbage Seed.

5c per packet; any 3 packets for 10c, parcel post paid.

Prices, Parcel Post Paid.	1 oz.	2 oz.	$\frac{1}{4}$ lb.	1 lb.
Early Drumhead	.20	.35	.50	\$1.50
Early Summer	.25	.40	.60	1.75
Green Glazed	.35	.50	.95	2.25
Large Early York	.20	.30	.50	1.40
Early Winningstadt	.20	.30	.50	1.50



# Cantaloupe

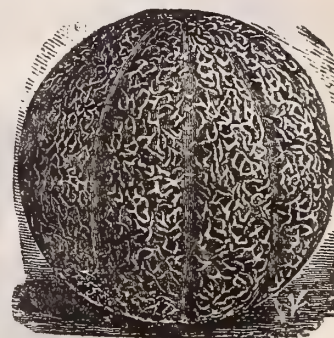
One ounce will plant about 50 hills, 2 pounds to the acre. Plant in hills 5 or 6 feet apart each way, 10 or 12 seeds in a hill. When they begin to vine, thin out, leaving only 4 of the most thrifty. As melons are very sensitive to cold, they should not be planted till the settled warm weather begins. Price, 5c per pkt., any variety, or 3 pkts for 10c.



Pink Meat Rocky Ford Cantaloupe



Mammoth Rocky Ford Cantaloupe



Schwill's Magnificent Cantaloupe

**Pink Meat Rocky Ford**—This is very similar to Rocky Ford, excepting it has a yellow or salmon-colored flesh instead of the green flesh. It grows to a very desirable size, is closely netted, slightly ribbed, with a dark green skin. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, parcel post paid.

**Delicious Gold-Lined Rocky Ford**—Shape slightly oval, no ribs, heavily netted all over, very thick-meated, fine grained and sweet; the flesh is green with a gold margin next to the seed cavity. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, parcel post paid.

**Mammoth Rocky Ford**—The general type of this melon is similar to the regular Rocky Ford, but they grow somewhat larger in size, making it a splendid variety for market. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, parcel post paid.

**Schwill's Magnificent**—Ten days earlier than Rocky Ford. The melons are regular in size, form nearly round or slightly oval, and very closely netted, flesh bright green, luscious in flavor and ripens close to the rind. 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.25, parcel post paid.



Rocky Ford Cantaloupe.



Large Baltimore Cantaloupe

**Rocky Ford**—One of the most popular. Just right size for restaurants and hotel service; Flesh green, thick, lusciously sweet. It is netted and ribbed, and ripens early. 1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 80c, parcel post paid.

**Hoodoo**—It is similar in shape to the Rocky Ford. The ribs are thickly covered with netting; the skin is tough; flesh salmon color and of delicious flavor. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.00, parcel post paid.

**Burpee's Fordhook**—An extra early salmon-fleshed variety; medium size, heavily netted and thick, juicy flesh. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, parcel post paid.

**Champion Market**—Fruit large, round or slightly oval, slightly ribbed and covered with dense netting. Flesh green, of medium texture, very thick and sweet. 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00, parcel post paid.

**Burrell's Gem**—Skin is rather dark green and rind thin, leaving a thick lining of salmon flesh, which is of most delicious, juicy flavor. 1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 85c, parcel post paid.

**Extra Early Green Citron**—Medium-sized fruits, are nearly round and deeply netted; of delicious flavor. 1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 90c, parcel post paid.

**Large Baltimore**—One of the best of large Cantaloupes for main crop. The flesh is thick, of a beautiful deep rich green color, and of excellent flavor. The size is somewhat larger than the regular Baltimore or Acme. 1 oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., \$1.50, parcel post paid.

**Casaba**—A large, oblong melon, green flesh, prolific and of delicious quality. Pkt., 10c; oz., 25c, parcel post paid.

**Henderson's Bush**—This recent introduction can be grown to advantage in small gardens where there is not sufficient room for the running types. It is a small, green flesh melon, a dependable cropper, sweet, and of a good flavor. Pkt., 10c; oz., 40c, parcel post paid.

**New Orleans Market**—A very large melon, extensively grown in the vicinity of New Orleans. Deep green flesh of excellent quality. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, parcel post paid.

## Standard Varieties Cantaloupes.

Any variety, 5c per pkt.; 3 pkts. for 10c, parcel post paid.

	1 oz.	2 oz.	¼ lb.	1 lb.
Banana	.15	.25	.40	\$1.35
Baltimore or Acme	.10	.15	.25	.80
Early Netted Gem	.10	.15	.25	.75
Cannon Ball	.10	.20	.30	1.00
Netted Nutmeg	.15	.25	.40	1.25

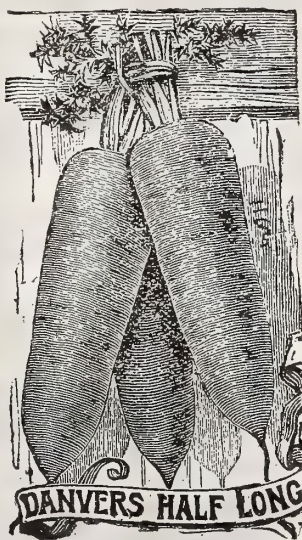


**Carrots.**

One ounce to 100 feet drill; 2 to 3 pounds to the acre in drills. Sow during any part of the spring months in drills from 12 to 15 inches apart, and thin to 3 or 4 inches in the drill. Requires deep rich, mellow soil and thorough culture.



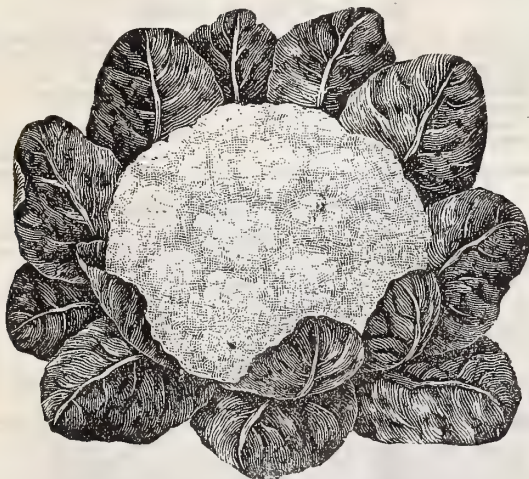
Improved Long Orange Carrot



Prices, Parcel Post Paid.	Pkt.	1 oz.	2 oz.	¼ lb.	1 lb.
Danver's Half Long Yellow.....	.05	\$.15	\$.20	\$.40	\$1.35
Early Scarlet Horn .....	.05	.15	.25	.45	1.60
Half Long Scarlet .....	.05	.15	.20	.40	1.50
Long Orange Improved .....	.05	.15	.20	.35	1.25
Mammoth Long Orange .....	.05	.15	.25	.35	1.25
Orheart or Guerande .....	.05	.15	.20	.35	1.25
Yellow Belgian .....	.05	.15	.20	.30	.90

**Cauliflower.**

One ounce will produce about 2,000 plants. Sow in hotbed early in January and transplant any time suitable after the first of March, the earlier the better, as cauliflower thrives best in moderate cool weather.



Extra Early Snowball Cauliflower

Prices, Parcel Post Paid.	Pkt.	¼ oz.	1 oz.
Extra Early Snowball .....	.10	\$.75	\$2.50
Dry Weather .....	.10	.50	2.00
Extra Early Dwarf Erfurt .....	.10	.50	2.00

**Celery.**

One ounce will produce about 3,000 plants. Sow in April or May, and rake the seed in lightly; water and shade from sun.



Golden Self-Blanching Celery



Georgia White Cabbage Collard

Prices, Parcel Post Paid.	Pkt.	1 oz.	2 oz.	¼ lb.	1 lb.
Columbian White .....	.05	\$.30	\$.50	\$.75	\$2.50
Celatic Turnip Rooted .....	.05	.35	.60	1.00	2.50
Dwarf Golden Heart .....	.05	.20	.35	.60	1.75
Giant Paschal .....	.05	.20	.35	.60	1.75
Golden Self-Blanching .....	.05	.50	.75	1.25	4.00
Heartwell Perfection .....	.05	.20	.35	.60	1.75
Henderson's White Plume.....	.05	.25	.40	.70	2.00

**Chicory.**

Large Rooted or Coffee—The young leaves are used as a salad, the dried roots as a substitute for coffee. Pkt., 5c; 1 oz., 25c; ¼ lb., 50c; 1 lb., \$1.50, parcel post paid.

**Chives, or Schnittlauch.**

A species of onion, used for seasoning; mostly used for putting on cream or cottage cheese. Seed planted this spring will do to use next year. Hardy perennial. Seed, per pkt., 10c, parcel post paid.

**Chervil.**

Curled—Used for flavoring and garnishing. Pkt., 5c; 1 oz., 25c, parcel post paid.

**Collards.**

A species of cabbage. Sow in the spring and transplant and cultivate in the same manner as cabbage.

North Carolina Buncombe—A superior variety, heads up in winter, very heavy foliage, fine flavor. Pkt., 5c; 1 oz., 15c; ¼ lb., 35c; 1 lb., \$1.00, parcel post paid.

Georgia White Cabbage—Called Cabbage Collard on account of its close bunching growth and light green leaves. Pkt., 5c; 1 oz., 15c; ¼ lb., 35c; 1 lb., \$1.00, parcel post paid.

True Southern—The old standard sort. Pkt., 5c; 1 oz., 10c; ¼ lb., 25c; 1 lb., 75c, parcel post paid.

**Cress, or Pepper Grass.**

One Ounce Will Sow About 15 Square Feet.

A well known pungent salad. Sow at frequent intervals to keep up a succession, as it soon runs to seed. Curled, or Pepper Grass, pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 30c; 1 lb., 75c. True Water, pkt., 10c; parcel post paid.

**Corn Salad, or Fetticus.**

One Ounce Will Sow About 18 Square Feet.

Sow in September or October. Large, round-leaved. Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c, parcel post paid.

**EVERY ORDER, LARGE OR SMALL, WILL RECEIVE CAREFUL ATTENTION**



# Sweet and Garden Corn

One quart will plant 200 hills; 1 peck will plant an acre in hills. Plant as soon as the ground becomes warm in the spring, in hills about 3 feet apart, 5 or 6 grains to the hill, and when up, thin them out. For a succession, plant every two weeks until midsummer.

**Adams Extra Early**—The very earliest variety, and brings good prices when first offered to the market.  $\frac{1}{2}$  pt., 15c; pt., 20c; qt., 35c; 4 qts., 95c, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 15c; qt., 25c; 4 qts., 75c.

If you have any difficulty  
in securing a stand of  
Clover or Alfalfa, try  
**FARMOGERM**  
It Will Pay You.



Schwill's Improved Adams Corn

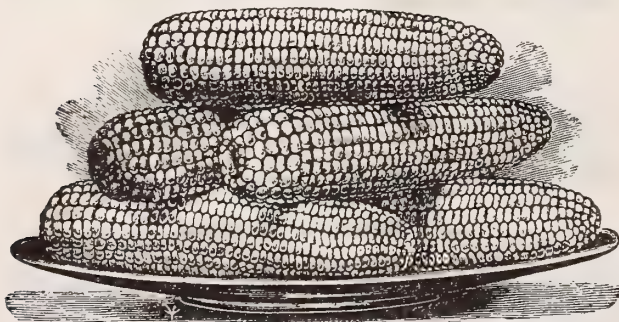


Early Large Adams Corn

**Early or Large Adams**—Ears good size, sweet and tender.  $\frac{1}{2}$  pt., 15c; pt., 20c; qt., 35c; 4 qts., 95c, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 15c; qt., 25c; 4 qts., 75c.

**Schwill's Improved Large Adams**—Larger than Adams Early.  $\frac{1}{2}$  pt., 15c; pt., 20c; qt., 35c; 4 qts., 95c, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 15c; qt., 25c; 4 qts., 75c.

**Schwill's Early Surprise**—Our own introduction, now too well known to give any lengthy description; a favorite for early market, larger than the early Adams corn, and only a few days later; not a sugar corn, but ranks almost equal.  $\frac{1}{2}$  pt., 15c; pt., 20c; qt., 35c; 4 qts., 95c; pk., \$1.75, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 15c; qt., 25c; 4 qts., 75c.



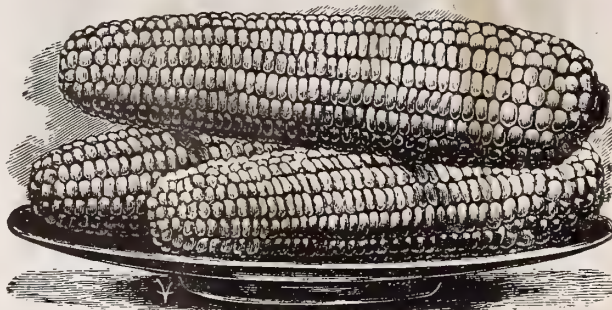
Golden Bantam Sweet Corn

**Golden Bantam**—A new variety, yellow in color, but very sweet; ears are small.  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 4 qts., \$1.20, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 35c; 4 qts., \$1.00.

**Golden Cream**—This new variety is a cross between Golden Bantam and Country Gentleman. Gains rich cream in color, and deliciously sweet.  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 4 qts., \$1.20, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 35c; 4 qts., \$1.00.

**Burpee's First of All**—Claimed by the originator to be the earliest of all. It is no doubt a most desirable sort among the first-early sorts. Large sized ear of good quality.  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 40c; 4 qts., \$1.10, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 30c; 4 qts., 90c.

**Burpee's Early Fordhook**—Grows an ear 8 to 9 inches in length, having 2 or more ears on a stalk of the finest quality.  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 40c; 4 qts., \$1.10, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 30c; 4 qts., 90c.



Country Gentleman Sweet Corn

**Country Gentleman**—A favorite second early or main crop variety with all private gardeners for its tenderness, delicacy, small, deep grains, and sweetness.  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 40c; 4 qts., \$1.20, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 35c; 4 qts., \$1.00.

**Howling Mob**—A grand variety, producing fine, large ears, only a few days later than Cory.  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 40c; 4 qts., \$1.10, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 30c; 4 qts., 90c.

**Burpee's White Evergreen**—Claimed by the introducer to be superior to the old and reliable Stowell's Evergreen. Grain pure white, quality excellent, ears large.  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 35c; 4 qts., \$1.10, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 35c; 4 qts., 90c.

## Standard Sweet Corns

Prices by mail, any following varieties:  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 35c; 4 qts., \$1.10, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 30c; 4 qts., 90c.

Black Mexican.  
Kendall's Giant.  
Mammoth Sugar.  
Schwill's Delicious.

Stowell's Evergreen.  
White Flint.  
Yellow Canada.

## Frost-Proof Cabbage Plants.

Varieties: **Early Jersey Wakefield**, **Charleston Large Wakefield**, **Succession**, **Early Flat Dutch**—These are hardy outdoor grown plants. Will withstand the most severe weather. They are not as green and bright looking as the hot bed stock, but that does not harm them in the least. It is because they have been grown right out in the open all winter. They grow off quickly and make fine, heavy, hard heading cabbage. We supply them from Jan. 1st to April 1st. Price, by parcel post, 35c per 100; by express, f.o.b. growing station, 500, \$1.00; 1000 to 4000, \$1.50 per 1000; 5000 to 8000 at \$1.25 per 1000; 10,000 or more at \$1.00 per 1000. Price, f.o.b. Memphis, 500 for \$1.25; 1000 for \$2.00.

Otto Schwill & Co., Memphis, Tenn.

Gentlemen:—Please send me one of your large catalogues, as I was so well pleased with your seed corn last year, and made the finest crop in this section of the state. I will never plant any other seed but Schwill's. Sincerely yours,

J. M. SHEPHERD.

## Seed Potatoes for Fall Crop.

These are the old crop Triumph Potatoes, kept in cold storage to keep them sound, and if planted early in August they will come up at once and make a fine fall crop. Our sales have increased rapidly each succeeding year, and we recommend very strongly to our customers the desirability and advantage of growing the late crop potatoes from the seed supplied by us. Let us book your order in time. Write for terms and prices.





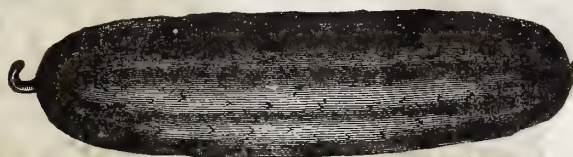
Henderson's Perfected Cucumber

### Cucumbers

One ounce will plant 50 hills; 1 to 2 pounds will plant 1 acre. Cucumbers should not be planted in open air until there is a prospect of settled warm weather. Plant in hills about 4 feet apart each way, and when all danger of insects is past, thin out the plants, leaving 3 or 4 of the strongest to each hill. Price, 5c per packet; 3 packets, 10c; any variety.

**Henderson's Perfected**—An extra early, dark green White Spine strain. Fruit averages from 8 to 10 inches long. 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00 parcel post paid.

**Davis Perfect**—A long slim, dark green, White Spine strain, early and prolific. 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00, parcel post paid.



Klondike Cucumber

**Klondike**—An early, dark green strain, nicely shaped fruit, about 9 inches long. 1 oz., 10c; 2 oz., 15c; ¼ lb., 30c; 1 lb., 90c, parcel post paid.

**New Orleans Market**—Beautiful in shape and color and of the finest quality. The fruit is long, cylindrical, dark green, with very white, crisp and tender flesh. 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.25, parcel post paid.

**Improved Long Green**—A fine bearer, of superior quality. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 90c, parcel post paid.

#### PRICE LIST STANDARD CUCUMBERS.

At a uniform price, as follows: Pkt., 5c; any 3 pkts., 10c; 1 oz., 10c; 2 oz., 20c; ¼ lb., 25c; 1 lb., 80c, parcel post paid.

**Cumberland Pickle.**  
**Extra Long White Spine.**  
**Early Frame.**  
**Early Green Cluster.**  
**Extra Early Long Green.**  
**Gherkin or Burr.**

**Fordhook Famous.**  
**Early Fortune.**  
**Improved Early White Spine.**  
**Japanese Climbing.**  
**Long Green Turkey.**

### Dandelion.

Sow the seeds in drills in early spring and thin out to six inches in the row and keep well cultivated and free from weeds throughout the summer. Pkt., 5c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 75c; 1 lb., \$1.75, parcel post paid.

### Endive.

One ounce will produce 2,000 plants. Sow early, and as soon as large enough, thin to 15 inches apart.



Large Green Curled Endive

**Large Green Curled, Giant Fringed Oyster.** Price, either variety, Pkt., 5c; 1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., \$1.50, parcel post paid.

### Egg Plant.

Sow in February or March. When 2 inches high, transplant to pots or good rich soil, and in May to 3-foot rows in deep, rich loam. One ounce of seed will produce 1,000 plants. Any variety, pkt., 5c; 3 pkts. for 10c, parcel post paid.



Black Beauty Egg Plant

**Black Beauty**—This is the earliest and best of all large fruited Egg Plants. ½ oz., 25c; 1 oz., 50c; 2 oz., 90c; ¼ lb., \$1.25; 1 lb., \$4.50, parcel post paid.

**New York Improved Large Purple**—Fruits large, good shape and of a dark purple color, very productive and spineless. ½ oz., 25c; 1 oz., 50c; 2 oz., 90c; ¼ lb., \$1.25; 1 lb., \$4.80, parcel post paid.



Horseradish

### Garlic.

The sets should be planted in rows 1 foot apart, and about 3 inches between the plants in the row. Harvest same as onions. Sets, ¼ lb., 25c; 1 lb., 50c, parcel post paid.

### Gourds, Etc.

**Dipper Gourd**—Pkt., 5c.  
**Dish Rag or Luffa**—Pkt., 5c.  
**Nest Egg Gourd**—Pkt., 5c.

**Orange Gourd**—Pkt., 5c.  
**Sugar Trough**—Pkt., 5c.  
**Calabash Pipe Gourd**—Pkt., 10c.

### Herb Seeds.

Sow seeds in shallow drill a foot apart, and when up, thin out and transplant to a few inches apart.

Pkt., Parcel Post Paid

**Basil Sweet**—For flavoring soups ..... \$ .05  
**Dill, Mammoth**—Used for flavoring pickle ..... .05  
**Lavender**—For oil and distilled water ..... .05  
**Marjoram, Sweet**—Used in seasoning meats ..... .05  
**Rosemary**—Aromatic leaves are used for seasoning ..... .05  
**Savory, Summer**—Used as a culinary herb ..... .05  
**Sage, Broad Leaved**—A popular flavoring plant ..... .05  
**Thyme**—Much used for seasoning ..... .05

### Horseradish Sets.

Roots will produce good radish fit for use in one season's growth. Plant the set, small end down, so that the top will be 2 inches under the soil.

**Large White**—The standard market variety. Doz. 25c; per 100, \$1.50, parcel post paid. By express, doz., 20c; 100 for \$1.25.

### Kale or Borecole.

Sow from 2 to 3 pounds to the acre. Sow in March or September, in drills or broadcast. Packet, 5c, any variety, or 3 packets for 10c, parcel post paid.

**Dwarf Curled Scotch**—A beautiful curled variety. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c, parcel post paid.

**Dwarf German Curled**—Very hardy, leaves curled. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c, parcel post paid.

**Landreth's Bloomsdale**—A beautiful curled tall growing variety. 1 oz., 20c; 2 oz., 30c; ¼ lb., 50c; 1 lb., \$1.50, parcel post paid.

**Tall Curled Scotch**—A favorite for spring sowing. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c, parcel post paid.

### Kohl-Rabi.

One ounce will produce 2,000 plants. Sow in March and April, in drills, thinning plants to six inches apart.

**White Vienna**—This is the best and earliest variety. Packet, 5c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 75c; 1 lb., \$2.00, parcel post paid.

### Leek.

One ounce will sow about 100 feet of drill. Sow early in spring, thin to six inches apart; make rows wide enough to cultivate.

**London Flag**—Broad leaves, of vigorous growth. Packet, 5c; 1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., \$2.00, parcel post paid.

**American Flag**—A favorite with our market gardeners, broad leaves. Pkt., 5c; 1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., \$1.75.



# Lettuce

One ounce will produce 3,000 plants. For early use sow under glass in January or early February, and transplant as soon as the ground can be nicely worked. Sowing may be made in the open ground from April to the middle of August. Lettuce should be transplanted; it is then surer to head. Per pkt., and variety, 5c; 3 pkts., 10c, parcel post paid.

**Schwill's Largest of All**—Solid heading and slow to shoot to seed. The plants are very compact and can be set close together. Interior of heads are remarkably well blanched and the quality is exceedingly buttery, tender and sweet. 1 oz., 25c; 2 oz., 40c; ¼ lb., 70c; 1 lb., \$2.00, parcel post paid.



Big Boston Lettuce

**Big Boston**—Most desirable either for forcing in cold frames or open ground planting. Popular with market gardeners because it always produces large, solid, salable heads, which are crisp and tender. 1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., \$1.25, parcel post paid.

**Schwill's Famous White Cabbage**—Immense heads, 3 to 4 pounds, compact, solid, almost like a cabbage. Inner leaves blanched to a pure golden yellow, crisp, tender and finest quality. 1 oz., 20c; 2 oz., 30c; ¼ lb., 50c; 1 lb., \$1.40, parcel post paid.

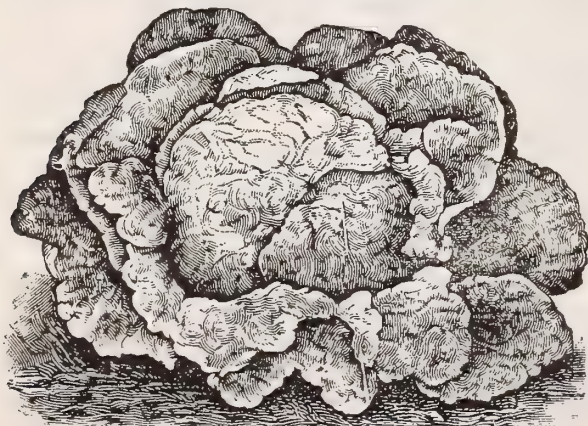
**Mignonette**—Small, solid heading, never fails, edged with reddish brown. The flavor is fine and the leaves crisp. 1 oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., \$1.75, parcel post paid.

**California Cream Butter**—A splendid variety for summer. Produces a very large head. 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00, parcel post paid.

**Iceberg**—Quick growing and of exquisite flavor. The large, curly leaves which cover the outside of the solid heads are of bright, light green, with a slight reddish tinge on the edges. 1 oz., 20c; 2 oz., 30c; ¼ lb., 50c; 1 lb., \$1.25, parcel post paid.

**Large White Cabbagehead**—One of the best head lettuces; slow to seed. Handsome; enormous size; color, light green. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., 90c, parcel post paid.

**Landreth's Bloomsdale Early Summer**—The large, white heads resemble cabbage in their solidity, and frequently weigh two and three pounds each. The quality is superb, being crisp, rich and tender. 1 oz., 25c; 2 oz., 40c; ¼ lb., 70c; 1 lb., \$1.75, parcel post paid.



Burpee's Wayahead Lettuce

**Burpee's Wayahead**—A superb new heading lettuce that is way ahead of any variety, both in earliness, size and quality. Outer leaves light green, and the inner leaves blanch to a rich butter yellow tint; the heads are very large and solid. 1 oz., 25c; 2 oz., 40c; ¼ lb., 70c; 1 lb., \$2.00, parcel post paid.

**Schwill's Hard Head**—An excellent spring, summer and fall variety, forming large, compact heads, light green color and fine quality. 1 oz., 25c; 2 oz., 35c; ¼ lb., 50c; 1 lb., \$1.50, parcel post paid.

**Schwill's Hot Weather**—Absolutely the best firm heading lettuce to grow during the early and late summer months. Resembles California Butter, but the head is more compact, larger and will stand longer before bolting to seed. 1 oz., 25c; 2 oz., 40c; ¼ lb., 70c; 1 lb., \$2.25, parcel post paid.

**Early Curled Simpson**—One of the best loose-leaved curled sorts for sowing outdoors. Can be grown all through the season. Very tender and remains in condition for use for long time. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., 90c, parcel post paid.



Hanson Lettuce

**Hanson**—Is very sweet, tender and crisp; has few outer leaves. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., 90c, parcel post paid.

**Schwill's Perfection**—Especially adapted for planting in the fall and winter, and makes a fine, tender, buttery head. A number of our best local market gardeners have been growing it and find it unsurpassed. 1 oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., \$2.00, parcel post paid.

## Standard Varieties Lettuce.

Packet 5c, any variety; 3 pkts., for 10c, parcel post paid

By Parcel Post.	1 oz.	2 oz.	¼ lb.	1 lb.
Black Seeded Simpson	.15	.25	.40	.90
Brittle Ice	.20	.30	.50	1.25
Black Seed Big Boston	.25	.40	.60	1.75
Brown Dutch	.20	.35	.60	1.25
Crisp as Ice	.20	.35	.55	1.25
Cos or Romaine	.25	.40	.60	1.50
Deacon Head	.15	.25	.40	.90
Green Ice Head	.20	.30	.50	1.00
Grand Rapids	.15	.25	.40	.90
Hubbard Market	.15	.25	.40	.90
Mammoth Black Seed Butter	.20	.35	.60	1.25
May King	.15	.25	.40	1.00
Prize Head	.15	.25	.40	.90
St. Louis Market	.20	.35	.60	1.25
Silesia Early Curled	.15	.25	.40	.90
Schwill's Champion	.25	.40	.60	1.50

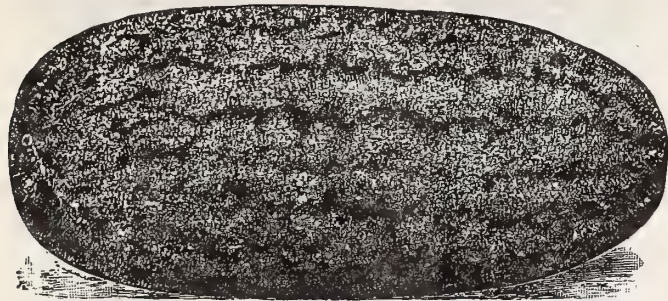
## Unless You Have Good Seeds

You are sure to fail. If the seeds are poor, likewise your crop will be poor and you have a hard time disposing of it at any price. Now, we have only one kind of seeds, **GOOD ONES**. We have all the varieties, and large stocks of them, too. If you are now buying of us, you will say this is true. If you are not buying of us now, we ask you to test them. Our prices are at least 10 per cent. less than you can buy same quality elsewhere.



# Watermelons

One ounce to forty hills; three or four pounds to the acre. Drop in hills six to eight feet apart, six to ten seeds, one inch deep, and thin to three best plants. Generally about the middle of April is the proper time to plant melons in this section. Price, any variety, 5c per pkt.; 3 pkts., for 10c, parcel post paid—except where noted otherwise.



Tom Watson Watermelon

**Tom Watson**—Shape long, color of rind dark green, which is thin but very firm, making it a fine shipper. Flesh is of bright red, firm and very sweet. 1 oz., 10c; 2 oz., 15c; ¼ lb., 30c; 1 lb., 80c, parcel post paid.

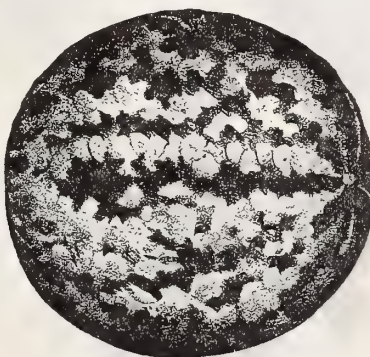
**Special Tom Watson**—By request, our grower in Florida is saving out some special select stock of this splendid variety. This seed is saved from the most perfect melons, none weighing less than forty pounds each and from many that weighed seventy pounds each. Pkt., 10c; 1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., \$2.00, parcel post paid.

**Maule's All Heart**—Deep red meat, sweet, crisp and tender, and pretty near all heart. Has very small seeds, but melon grows very large size. Pkt., 10c; 1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., \$2.25, parcel post paid.

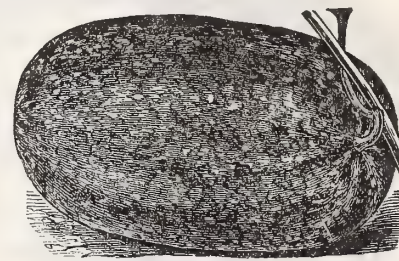


New Excel Watermelon

**New Excel**—Produces very long and large melons, weighing from forty to sixty pounds each. The deep red flesh is crisp and melting, of finest flavor and entirely free from any strings or hard cores. Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00, parcel post paid.



Harris' Earliest Watermelon



Angel Kiss Watermelon

**Halbert Honey**—A large, attractive, oblong shape; rind dark green, flesh crimson; very sweet and tender. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c, parcel post paid.

**Sugar Stick**—A large, light green or grayish melon of oblong form, two feet in length, and will average 30 pounds. Flesh red, very sweet and tender. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 85c, parcel post paid.

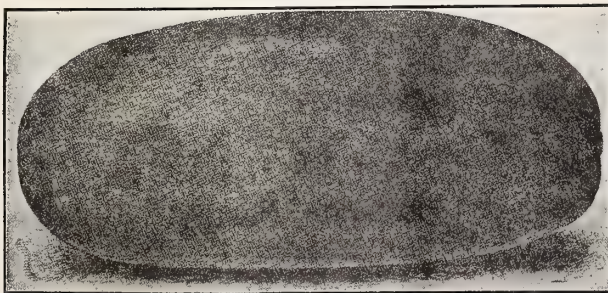
**Temple Gray**—One of the best melons, either for market or home use. Flesh tender, firm and very sweet and luscious. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., 90c, parcel post paid.

**Green and Gold**—Flesh bright golden yellow, skin beautiful green, shape slightly elongated. If you have room for only one variety let it be Green and Gold. No melon is as sweet and delicious. Pkt., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, parcel post paid.

**Branch's Superb Georgia Rattlesnake**—Quite superior to the old original Rattlesnake Melon. Rind green, with darker green stripe. Georgia grown seed. 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., 85c, parcel post paid.

**Jackson**—A long melon, with mottled green skin, firm red meat and ripens close to the rind. 1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 80c, parcel post paid.

**Harris' Earliest**—Extra early, medium size, oval shaped with mottled broad stripe of light and dark green. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c, parcel post paid.



Kleckley's Sweet Watermelon

**Kleckley's Sweet**—This very popular melon is one of the best. Flesh bright scarlet with solid heart, crisp, sugary and melting, and entirely free from stringiness. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 80c, parcel post paid.

## Price List Standard Watermelons.

Packet, 5c; 3 pkts. for 10c, any variety.

Parcel Post Paid.	1 oz.	2 oz.	¼ lb.	1 lb.
Arkansas Traveler	.15	.25	.40	\$1.25
Black Diamond	.10	.15	.20	.50
Burpee's Early Fordhook	.15	.25	.35	1.00
Cuban Queen	.10	.15	.20	.60
Florida Favorite	.10	.15	.20	.55
Georgia Rattlesnake	.10	.15	.20	.50
Jordon's Gray Monarch	.10	.15	.20	.55
Kolb Gem	.10	.15	.20	.50
Monte Christo	.10	.15	.25	.70
Pearson	.15	.25	.40	1.00
Peerless	.10	.15	.20	.60
Sweetheart	.10	.15	.20	.50
Red Seed Citron	.10	.20	.30	1.00

If you have not had successful fruit crops, try spraying



## Mustard.

**Culture**—Sow very early in Spring, in drills 18 inches apart. Cover seed half inch deep. Continue sowing about every 2 or 3 weeks, until October. One ounce will sow 60 to 80 feet of drill. Mustard can also be sown broadcast in beds for greens. Price, any variety, pkt., 5c; 3 pkts. for 10c.

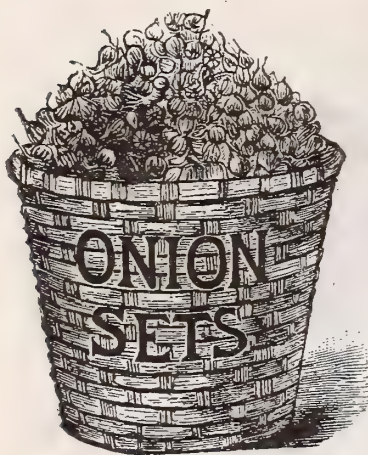


Southern Giant Curled Mustard

**Southern Giant Curled**—The favorite kind here, sown largely for the market. Leaves are pale green, large and curled. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c, parcel post paid.

**Chinese Mammoth**—A European variety, with light green very large leaves. It has not the same taste as the large-leaved or the large curled, but will stand longer before going to seed. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c, parcel post paid.

**Elephant Ear**—This is a splendid variety for the market gardeners and amateurs. The leaves are smooth, very large, and always tender and succulent, makes a large plant. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c, parcel post paid.



Pure Culture Mushrooms

## Mushroom Spawn.

Mushrooms can be grown in cellars, in sheds, in hotbeds, or sometimes in open air. Fermenting horse manure at a temperature of about 70 degrees, mixed with equal weight of fresh sod loam, is made into beds the size required, 8 inches deep. In this bed plant the broken pieces of spawn, 6 inches apart, covering the whole with 2 inches of light soil, and protect from cold and rain. The mushrooms will appear in about 6 weeks. Water sparingly with warm water.

**Pure Culture Brand**—Produced in America by a special process. Considered to be the very best by most of the large growers. Mushroom growing is very interesting, as well as very profitable. It can be supplied in bricks only, weighing from 1 lb. to 1¼ lbs. Price, by parcel post, per brick, 35c; 5 bricks, \$1.25. By express, not prepaid, per brick, 25c; 5 bricks, \$1.00; 100 bricks, \$16.00.

## Okra.

One ounce will plant 100 hills. Plant late in April and May, in hills about 2½ feet apart, and thin to 3 plants in a hill.

**Tall or Long Green**—Pods long, slender, dark green; tender.

**Early Dwarf Green**—Early; pods short and dark green.

**White Velvet Pod**—Smooth, round pod Okra; well flavored.

**French Market**—Very early, prolific; pods round and tender.

**Kleckley's Favorite**—One of the earliest and most productive.

Price, any of the above varieties, pkt., 5c; 3 pkts., 10c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c, parcel post paid.

## Onion.

**Culture**—One ounce will sow 100 feet of drill; 6 pounds will plant one acre. Sow in January or February in hotbeds or trays. As soon as the weather opens and the sets are the size of a goose-quill, transplant in rows, twelve inches apart and four to six inches between the onions. For main crop, sow in the open ground in March or April in drills twelve inches apart, thinning out afterwards to three or four inches apart.

**Yellow Glove Danvers**—A well known standard variety of uniform shape and excellent quality; bright yellow color. 1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., \$1.50, parcel post paid.

**Large Red Wethersfield**—Uniform shape, of flattened form; skin is deep purplish red; a splendid keeper; very popular. 1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., \$1.75, parcel post paid.

**Southport Red Globe**—Deep red color, heavy cropper, tender, mild flavor. 1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., \$2.00, parcel post paid.

**Prize Taker**—Of immense and uniform size; nearly perfect globe in shape and a bright straw color. 1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., \$2.00, parcel post paid.

**Southport White Globe**—Handsome, of mild flavor. 1 oz., 25c; 2 oz., 40c; ¼ lb., 70c; 1 lb., \$3.00, parcel post paid.

**White Silver Skin**—A mild flavored variety; good keeper. 1 oz., 25c; 2 oz., 40c; ¼ lb., 70c; 1 lb., \$2.50, parcel post paid.

## Onion Sets.

**Culture**—Plant 4 inches apart, in rows about half an inch deep and 1 foot between the rows, but do not cover the sets entirely, except the Potato Onion, which should be planted in rows 2 feet apart and 9 inches apart in the row, and covered about one inch.

**Notice**—Prices are subject to fluctuation of the market. All Onion Sets are sold 32 pounds to the bushel.



Southport Red Globe Onion



Large Red Wethersfield Onion

## Prices, Parcel Post Paid.

Prices, Parcel Post Paid.	1 qt.	4 qts.	8 qts.
Yellow Danvers .....	\$ .25	\$ .65	\$1.15
Dark Red Wethersfield .....	.25	.75	1.50
White Silver Skin .....	.25	.75	1.50
White Multiplying Onions .....	.35	.90	1.50
Yellow Multiplying Shallots .....	.35	.90	1.50

Prices on Onion Sets by the bushel and by express, not prepaid, are given on page 3.

**How and When to Plant**—Special planting instructions for sowing all kinds of vegetable and flower seeds, setting fruit trees, roses, strawberry plants, sowing grasses and clover seeds, supplied free with orders.

This Catalogue is published very early, and it is next to impossible to know the exact values of the different items. Remember, however, we give customers the benefit of any decline from these quotations. If market advances, seeds will be sent to value of money remitted at lowest market price.



## Parsley.

One ounce will sow 150 feet of drill. Sow early in the spring in drills a foot apart. The seed germinate very slowly, and sometimes 2 or 3 weeks will elapse before the plants will make their appearance. It often fails entirely in dry weather. Pkt., 5c; 3 pkts., 10c, any variety.

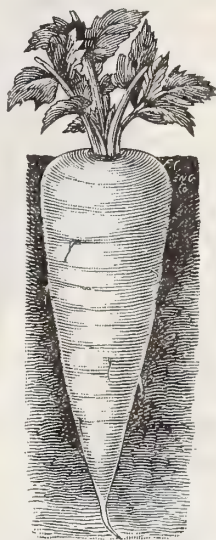
**Champion Moss Curled**—A choice, selected strain, with beautifully crimped and curled leaves. 1 oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.00, parcel post paid.

**Double or Curled**—Leaves crimped or curled. 1 oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 35c; 1 lb., 90c, parcel post paid.

**Plain or Single**—Stronger in flavor than the double varieties. 1 oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c, parcel post paid.



Double Curled Parsley



Long Smooth Parsnip

## Parsnips.

One ounce will sow 200 feet of drill; 5 pounds required for one acre. As the seed is sometimes slow to germinate, it should be sown as early as possible in drills 2 feet to 2 $\frac{1}{2}$  feet apart; cover  $\frac{1}{2}$  inch deep and press the soil firmly over the seed. Give frequent cultivation and thin the plants to 5 or 6 to the foot.

**Long Smooth**—Roots very long, sugary and of excellent flavor. Pkt., 5c; 1 oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 35c; 1 lb., 80c, parcel post paid.

**Sugar or Hollow Crown**—Roots very long, white, smooth, tender. Pkt., 5c; 1 oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 35c; 1 lb., 80c, parcel post paid.

## Pepper.

One ounce will produce 1,000 plants. Sow early in spring in hotbed and transplant to the open ground as soon as the weather is warm and settled. The seed may also be sown in the open ground, but not until all danger of frost is past.

**Burpee's Sweet Upright Pepper**—Fruits as early as Bell or Bull Nose, but much larger, thick meat and always mild, and the most productive variety of all real sweet peppers. Pkt., 10c; 1 oz., 40c; 2 oz., 70c;  $\frac{1}{4}$  lb., \$1.25, parcel post paid.

**Pimento Pepper**—A delicious variety, most all meat. Very mild and of elegant flavor. Requires rich soil and plenty of moisture to make fruits grow to perfection. Pkt., 10c; 1 oz., 50c; 2 oz., 80c;  $\frac{1}{4}$  lb., \$1.25, parcel post paid.

**Texas or Sweet Italian**—The fruits are nearly heart-shaped, very mild and exceedingly prolific. They mature quite early, are green first, turning to red at maturity. Pkt., 5c; 1 oz., 40c; 2 oz., 70c;  $\frac{1}{4}$  lb., \$1.25, parcel post paid.

**Chinese Giant**—Fruit of mammoth size, very broad but rather short. It is very late and a rather shy yielder. Popular on account of its large size and mild flavor. Pkt., 10; 1 oz., 50c; 2 oz., \$1.00;  $\frac{1}{4}$  lb., \$1.75, parcel post paid.

**Neapolitan Sweet**—A sure prolific and abundant cropper; the flesh is sweet and as mild as an apple; the fruit is extra large and will bear until frost. Pkt., 5c; 1 oz., 35c; 2 oz., 60c;  $\frac{1}{4}$  lb., \$1.00, parcel post paid.

**Ohio Crimson**—Similar to the Bull Nose, but larger, sweeter and of a milder flavor; extensively used for mangoes. Pkt., 5c; 1 oz., 35c; 2 oz., 60c;  $\frac{1}{4}$  lb., \$1.00, parcel post paid.

**Long Red Cayenne**—Bright red, long in shape, very pungent. Pkt., 5c; 1 oz., 50c; 2 oz., 75c;  $\frac{1}{4}$  lb., \$1.25, parcel post paid.

**Bell or Bull Nose**—Large and oblong; a good bearer. Pkt., 5c; 1 oz., 50c; 2 oz., 75c;  $\frac{1}{4}$  lb., \$1.50, parcel post paid.

**Ruby King**—A pepper of large size, well known and much esteemed by truck growers. Pkt., 5c; 1 oz., 50c; 2 oz., 75c;  $\frac{1}{4}$  lb., \$1.50, parcel paid.

**Red Chili**—Small and very pungent; used for chili sauce. Pkt., 5c; 1 oz., 50c; 2 oz., 75c;  $\frac{1}{4}$  lb., \$1.50, parcel post paid.



Crimson Giant Pepper

**Crimson Giant**—An early maturing large size sweet Pepper. It is exceptionally mild and very prolific, earlier than Chinese Giant. Pkt., 5c; 1 oz., 50c; 2 oz., 75c;  $\frac{1}{4}$  lb., \$1.50, parcel post paid.

**Tobasco**—Very pungent and strong; a splendid cropper. Pkt., 10c; 1 oz., 75c, parcel post paid.

**Bird's Eye or Creole**—Very hot; used for pepper vinegar. Pkt., 10c; 1 oz., 75c, parcel post paid.

**Mixed Red Hot Pepper**—A mixture of all red hot varieties.

**Mixed Mango Pepper**—A mixture of all sweet peppers. Price, either mixture, pkt., 10c; 1 oz., 40c; 2 oz., 70c;  $\frac{1}{4}$  lb., \$1.00, parcel post paid.

## A Few of Burpee's Special Seeds.

All Genuine—From the House of Burpee.

**Burpee's Spicy Cantaloupe**—Deep, rich salmon meat, of a most delicious flavor. A superior distinctive variety. Pkt., 10; 1 oz., 30c; 2 oz., 50c, parcel post paid.

**Burpee's Main Stay Cabbage**—Very early flat head. Matures nearly as quick as the Wakefield, with solid, hard heads. Pkt., 10c;  $\frac{1}{2}$  oz., 40c; 1 oz., 75c, parcel post paid.

**Burpee's Rapid Red Radish**—Bright red, crisp, tender and mild. Makes radish in 16 to 18 days. Pkt., 10c; 1 oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c, parcel post paid.

**Burpee's Baby Delight Watermelon**—A real watermelon of luscious sweetness, but diminutive in size. The ripe melons weigh only from 3 to 6 pounds each. The rich carmine flesh is always solid, and of exceptionally sweet flavor. It is also very prolific. Pkt., 10c; 1 oz., 40c, parcel post paid.

**Burpee's Fordhook Double Petunias**—This carefully hybridized seed will produce about 30 per cent double flowers, which are beautifully fringed. Embrace a wide range of colors. Pkt., 25c.

**Burpee's Rosy Morn Petunia**—A compact growth, flowers large size with silvery, white throat, while the edge is heavily marked with rose pink. Pkt., 15c, parcel post paid.

**Burpee's Dwarf Nasturtium, David Burpee**—The first of an entirely new type in foliage. The plant makes a symmetrical bush of perfectly round formation, attaining a height of from 9 to 12 inches, and 12 to 18 inches in diameter, the beauty of which is enhanced by the peculiar waved emerald green leaves. The flowers are bright crimson red, with richer suffusions and markings in a contrast to a bright yellow calyx. Pkt., 10c; 1 oz., 25c, parcel post paid.



# Peas

## One Quart Will Plant About 125 Feet of Drill.



Schwill's Extra Early Market Peas

When grown in gardens, sow in double rows six to eight inches apart, the rows two to four feet apart, the tall ones requiring brush. Commence sowing the extra early varieties as early as the ground can be worked in February or March, and continue for a succession every two weeks until June. The wrinkled sorts marked (\*) should not be sown until March 1st, or as soon as the ground is warm.

Inoculate this  
Seed with  
**FARMOGERM.**

**The Pilot**—A new, round seeded pea, as large and fine in quality as Gradus. Besides, it can be planted earlier, therefore making it a very profitable and desirable variety for early market. Vines grow 24 inches high.  $\frac{1}{2}$  Pt., 20c; pt., 30c; qt., 55c; 4 qts., \$1.85, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 4 qts., \$1.60.

**\*Laxatonian**—Closely resembles Gradus in habit, earliness and rapidity of growth. The pod is a trifle shorter, but of a darker green color and very large. It will outcrop Gradus. Height 24 inches.  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 50c; 4 qts., \$1.75, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 40c; 4 qts., \$1.50.

**Schwill's Extra Early Market**—This makes one of the largest podded and most productive of all the smooth seeded extra early peas. The vines grow about 30 inches in height and all be gathered in two pickings. Pods large, round and well filled with delicious, tender peas.  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 40c; 4 qts., \$1.25, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 30c; 4 qts., \$1.00.

**Alaska**—The earliest blue pea, very uniform in growth. The dark green color of the pods makes it extremely desirable; vines 2 feet.  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 40c; 4 qts., \$1.25, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 15c; qt., 30c; 4 qts., \$1.00.

**\*Gradus or Prosperity**—This is the earliest large podded pea in cultivation. The peas are tender, sweet, of extra large size; pods average 4 to  $4\frac{1}{2}$  inches long and contain from 8 to 10 peas of excellent quality.  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 50c; 4 qts., \$1.25, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 35c; 4 qts., \$1.00.

**\*Pride of the Market**—Strong growing, from 18 to 24 inches; very productive. The pods are large, and the peas are of superior quality.  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 4 qts., \$1.40, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 35c; 4 qts., \$1.15.

**Ameer**—A new and valuable strain of the popular Alaska Pea, the distinctive superiority being that it makes much larger pods and is more prolific. The vines grow 24 inches.  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 4 qts., \$1.50, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 35c; 4 qts., \$1.25.

**\*Dwarf Champion**—A vigorous growing sort, bearing broad pods three inches long, blunt at the ends. Height  $2\frac{1}{2}$  feet.  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 4 qts., \$1.50, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 35c; 4 qts., \$1.25.

**\*Alderman**—Pods very large and of a dark green color. Height 4 feet. Quite late.  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 4 qts., \$1.50, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 35c; 4 qts., \$1.25.

**\*Thomas Laxton**—A strong grower and as productive as the well known Gradus. The pods are of a dark green color, filled with large peas of superb flavor;  $2\frac{1}{2}$  feet.  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 4 qts., \$1.50, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 35c; 4 qts., \$1.25.

**\*Schwill's Leader**—An extra early pea; produces large, well filled pods of luscious peas. Vines  $2\frac{1}{2}$  to 3 feet in height. Pods as large as the Telephone, containing 6 to 10 peas of large size.  $\frac{1}{2}$  pt., 20c; pt., 35c; qt., 60c; 4 qts., \$2.00, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 50c; 4 qts., \$1.75.

**\*Nott's Excelsior**—One of the best dwarf wrinkled extra earlies. Vines grow 1 foot in height, and are filled with pods of good size, containing peas of the most luscious quality.  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 4 qts., \$1.50, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 35c; 4 qts., \$1.25.

**Claudit**—A large-podded variety of the Alaska type; the seed is blue, same as Alaska; the pods are much larger, and it is only a day or two later in maturing. Vines are very prolific; pods are well filled.  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 4 qts., \$1.50, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 35c; 4 qts., \$1.25.

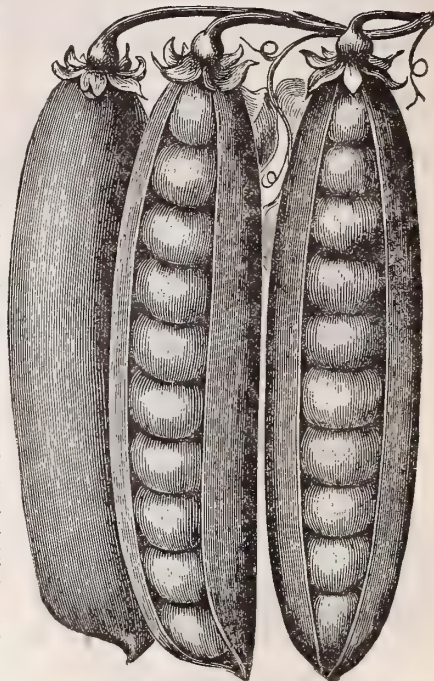
**\*Melting Sugar (Edible Pods)**—Grows to the height of 5 feet; bears a profusion of large, broad, brittle pods. Pkt., 15c;  $\frac{1}{2}$  pt., 20c; pt., 35c; qt., 60c, parcel post paid. By express, not prepaid, pkt., 10c;  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 50c.

### Standard Varieties English Peas.

Prices of any of the following varieties— $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 4 qts., \$1.35, parcel post paid.

Prices, by express, not prepaid, as follows:

	Height	$\frac{1}{2}$ pt.	1 pt.	1 qt.	4 qts.
*American Wonder	15-in.	.10	.20	.35	1.00
*Champion of England	48-in.	.10	.20	.35	1.00
First and Best, Extra Early	30-in.	.10	.15	.25	.75
*McLean's Little Gem	10-in.	.10	.20	.35	1.10
Large Marrowfat	48-in.	.10	.20	.35	1.00



Telephone Peas

**\*Telephone**—A fine, tall wrinkled late variety, and a great cropper, bearing immense pods of large peas of exquisite flavor. Vines 4 feet.  $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 4 qts., \$1.25, parcel post paid. By express, not prepaid,  $\frac{1}{2}$  pt., 10c; pt., 20c; qt., 35c; 4 qts., \$1.00.

### Schwill's Kitchen Garden Collection.

Price, 85c.

Sent postage paid to any address on receipt of price. At regular prices this would cost you \$1.35. No changes allowed in the assortment as they are put up in advance.

$\frac{1}{2}$ Pt. English Peas, early.	$\frac{1}{2}$ Pt. Bush Snap Beans.
$\frac{1}{2}$ Pt. English Peas, late.	$\frac{1}{2}$ Pt. Pole Snap Beans.
$\frac{1}{2}$ Pt. Garden Corn.	$\frac{1}{2}$ Pt. Pole Butter Beans.
1 Pkt. Cabbage, early.	1 Pkt. Beets.
1 Pkt. Cabbage, late.	1 Pkt. Cantaloupe.
1 Pkt. Carrot.	1 Pkt. Cucumber.
1 Pkt. Lettuce.	1 Pkt. Collard.
1 Pkt. Okra.	1 Pkt. Mustard.
1 Pkt. Parsnips.	1 Pkt. Radish, early.
1 Pkt. Squash.	1 Pkt. Radish, late.
1 Pkt. Turnip.	1 Pkt. Tomato.

### Schwill's Star Collection of Flower Seeds.

Twelve papers Assorted Flower Seeds for only 25 cents, Postage Paid. We will send postage paid, to any address, one paper each of the following Flower Seed upon receipt of price—

Asters, Mixed.	Cypress Vine.
Sweet Alyssum.	Petunia, Mixed.
Nasturtium.	Pink, Mixed.
Mignonette.	Phlox, Mixed.
Pansy, Mixed.	Sweet Peas, Mixed.
Poppy, Mixed.	Verbena, Mixed.

### A Watermelon Feast For 55c.

One ounce each, parcel post paid, of the following 6 special good kinds. Every one is fine—

Angel Kiss.	Sugar Stick.
Maule's All Heart.	Tom Watson.
New Excel.	Halbert Honey.

One ounce of each, only 55c, parcel post paid.

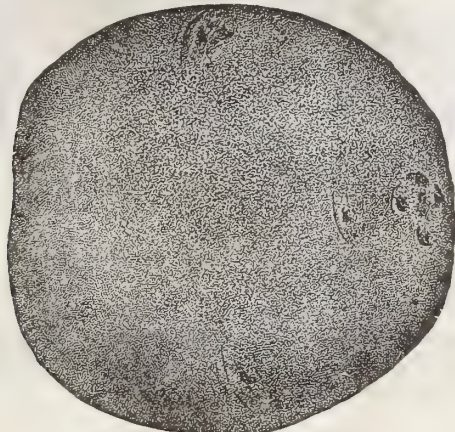


# Seed Potatoes

All quotations by freight or express below are f.o.b. Memphis, packed in bags, and subject to change of market prices. Shipments at owner's risk.

Please give plain shipping directions, and state when you wish Potatoes shipped. We cannot become responsible for changes in weather by which they might be damaged while en route.

On account of the unsettled condition of the market, we do not quote on large quantities. Write us for prices, stating amounts wanted.



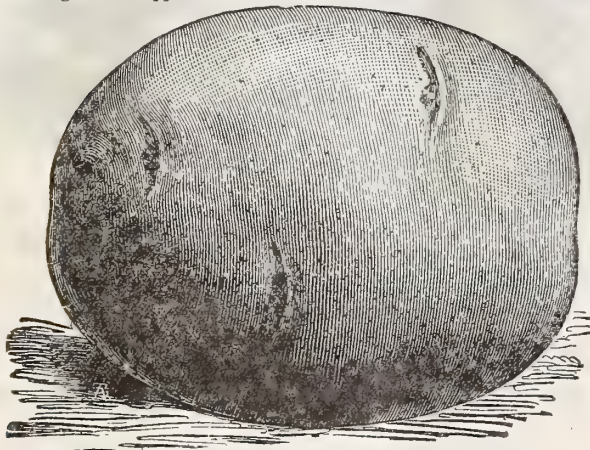
Red Triumph Potato.

**Red Triumph**—One of the earliest potatoes grown. Potatoes round, with deeply indented eyes and of pink skin. A very large yielding sort and satisfactory for the earliest market and shipping.

**Northern-Grown Seed**—By parcel post, pk., \$1.05. By freight, at buyer's expense, pk., 75c; bu., \$2.50.

**Tenn. Second Crop Seed**—By parcel post, pk., \$1.20. By freight at buyer's expense, pk., 90c; bu., \$3.00.

**Early Ohio**—In color it is dull red. It matures a week earlier than Early Rose. The flesh is solid, and of extra good flavor and mealy quality. Its extreme earliness and the fact that it is mealy when partially grown, makes it a great favorite with market gardeners. Prices given on application.



Irish Cobbler Potato

**Irish Cobbler**—A comparatively new extra early sort, grown in large quantities in some sections, where it is always the first variety ready for market. The flesh is clear white and of good flavor, always cooking dry and mealy. Skin is creamy-white and sometimes netted, an indication of quality. It is a very heavy, reliable cropper, producing handsome almost round potatoes very uniform in size and shape.

**Tenn. Second Crop Seed**—By parcel post, pk., \$1.05. By freight, pk., 75c; bu., \$2.50.

**Lookout Mountain**—Very prolific, late; long keeping variety, for planting in June; grows large tubers, pure white, smooth, of good quality. No other variety stands our hot climate as well. We book orders now for shipment first of June. By parcel post, pk., \$1.30. By freight, pk., \$1.00; bu., \$3.00.

**Uncle Gideon's Quick Lunch**—Medium early; tubers round, large and uniform in size; vines strong, of a dark green color, stocky and vigorous; skin and flesh white and of fine quality. By parcel post, pk., \$1.30. By freight, at buyer's expense, pk., \$1.00; bu., \$3.00.

## Standard Seed Potatoes.

	Pk.	Bu.
New York Early Rose .....	.75	\$2.50
New York Early Peerless .....	.75	2.50
New York Burbanks .....	.75	2.50
By parcel post, any of the foregoing three varieties, pk., \$1.05, all charges paid within the 1st, 2nd or 3rd zones.		

# Seed Sweet Potatoes

All Seed Sweet Potatoes will be shipped about the 15th of March, as weather before that time is entirely too cold and potatoes will rot when handled or bedded too early. We absolutely make no guarantee whatever on them. They leave our store in good condition, and will be shipped at buyer's risk only.

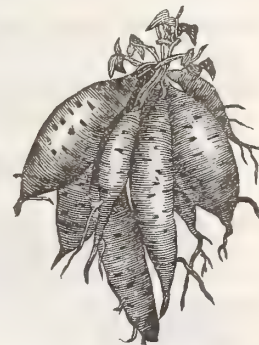
All prices here given are packed f.o.b. Memphis. Purchaser must pay carrying charges. Prices on both Sweet Potato Seed and Plants subject to market changes, and seed is sold at the rate of 45 lbs. to the bushel.

**Porto Rica Yams**—This is a new sweet potato and a good one. The skin is golden color with a slight pinkish tinge. Meat deep orange yellow, soft and sweet, tubers long and smooth, a very desirable shape. You will like it. ½ pk., 60c; pk., \$1.00; bu., 45 lbs., \$2.50. By parcel post, ½ pk., 80c; pk., \$1.25. Plants ready May 1st; 100, 35c; 500, \$1.50; 1000, \$3.00. By parcel post paid, 100, 45c; 500, \$1.75; 1000, \$3.35.

## Standard Seed Sweet Potatoes.

### Free Instruction Book for Transplanting and Managing Fruit, Ornamental Trees, Shrubs, Vines and Flowers.

To any one buying a bill of Fruit Trees or Plants to the value of \$5, we will mail one of these 24-page booklets. Gives also valuable information on Roses, Bulbs, etc. Tells how to prune, fertilize and spray. A very complete little book. Price, to those who wish the book alone, 25c, postage paid.



Nancy Hall Sweet Potato

	Pk.	Bu.
<b>Nancy Hall</b> —Skin yellow; meat, which is a clear amber color, is as sweet as honey .....	.75	\$2.00
<b>Bunch Yellow Yam</b> —Yellow skin and flesh .....	.75	2.00
<b>Early Triumph Sweet Potato</b> —Flesh bright light yellow, of good size, very prolific and three weeks earlier than any other variety; very large smooth skin, cook soft; vine running .....	.75	1.50
<b>Gold Coin Bunch Yam</b> —Dark yellow flesh; matures early; vine bushy habit .....	.60	1.50
<b>Genuine Yellow Yam</b> —The old reliable running yam; deep yellow; flesh cooks soft .....	.75	2.00
<b>Southern Queen</b> —Matures very early; very productive; white flesh; vine running .....	.60	1.50

## Sweet Potato Seed by Parcel Post.

Price, any variety, all charges paid within 3rd zone, 4 lb., 50c; 11¼ lbs., or 1 pk., \$1.25.

## Sweet Potato Plants.

Bunch Yellow Yam.	Gold Coin Bunch Yam.
Nancy Hall.	Early Triumph.
Yellow Yam.	Southern Queen.

By express, at purchaser's expense, 100, 25c; 1000, \$2.00; 5000, \$8.75.

By parcel post, in limit of 3rd zone, 100, 35c; 500, \$1.50; 1000, \$2.35.

## Florida Yam Sweet Potatoes.

A new variety from the South, which has been tested by some of our growers the past two seasons, and found to be one of the best. The Florida Yam is earlier, has deeper yellow flesh and is more productive than the Nancy Hall, and in quality fully equal to the latter variety. They will make 300 bushels to the acre and come early, and when you have a deep yellow meaty variety that is ready for the market early in August it will make the grower money.

We have only plants to offer, ready May 1st, prices as follows: By parcel post, 100, 75c; 500, \$2.90; within 3rd zone. By express, at buyer's expense, 100, 50c; 500, \$2.25; 1000, \$4.00.

## Cold Storage Potatoes.

We will have a nice lot of different varieties of Seed Potatoes, kept on cold storage for late planting, in July and August. Write for prices in June and July.



## Pumpkin.

**Culture**—One pound will plant 40 hills; 5 pounds will plant an acre. Plant in hills 8 or 10 feet apart each way, allowing 4 seed to a hill. In other respects they are cultivated as melons and cucumbers. Price, any variety, pkt., 5c; 3 pkts., 10c.



Kentucky Yellow Field Pumpkin

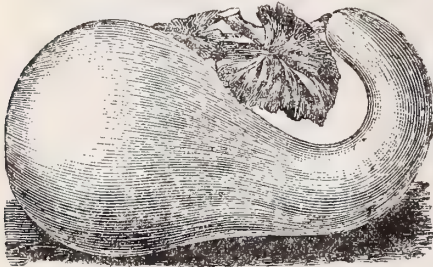
**Kentucky Field**—Large round, soft shell, salmon color; best for stock. 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 40c; 5 lbs., \$1.50, parcel post paid.

**Striped Cushaw**—A crook-necked variety. Skin striped green and white, flesh rich yellow, solid, fine grained. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, parcel post paid.

**Tennessee Sweet Potato**—Shape similar to a bell, skin and flesh white, very thick and sweet. 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00, parcel post paid.

**King of Mammoth**—The largest of all pumpkins. Shape almost round, skin orange colored, slightly rough. Flesh deep and of a bright yellow color; quality excellent. 1 oz., 10c; 2 oz., 20c; ¼ lb., 35c; 1 lb., \$1.25, parcel post paid.

**Japanese Pie**—A crook-neck sort. Ripens early; flesh salmon-colored, fine grained, and sweet. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 85c, parcel post paid.



Tennessee Sweet Potato Pumpkin

## Radish.

Sow in drills very early in spring, and later, for a succession, at intervals of ten days. Must have very rich soil, plenty of moisture, light and ventilation to insure quick, rapid growth. For very early, sow in hotbeds. One ounce to 50 feet of drill; 10 pounds to the acre. Any variety. Pkt., 5c; or 3 pkts. for 10c, parcel post paid, except where noted.

**Schwill's 15-Day White**—The earliest and quickest growing round white radish. Uniform in shape, skin purest white. Flesh sweet and mild, differing from most of the large varieties. Pkt., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, parcel post paid.

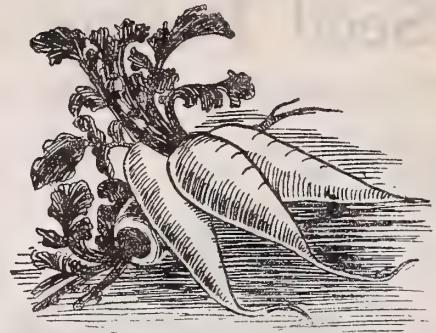
**Schwill's 15-Day Red**—Elegant shape, exquisite quality, with deep rich scarlet color and mild flavor. Pkt., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, parcel post paid.

**Cooper's Sparkler, White Tipped**—A comparatively new, early variety. Globular in shape, rosy carmine, with white tip. Solid and crisp; very short tops. This is a splendid variety. 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., 75c, parcel post paid.

**Crimson Giant**—A large globe-shaped variety. Handsome deep scarlet; thin skin, solid white flesh of best quality. An excellent variety. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c, parcel post paid.

**Early Long Scarlet Short Top**—The best of the long red radishes. 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 55c, parcel post paid.

**Chinese Rose Winter**—One of the very best for fall and winter use. Bright rose color; flesh white and firm, of superior quality. 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 60c, parcel post paid.



White Icicle Radish

**White Icicle**—One of the best early long, white sorts; very crisp and tender, and a beautiful wax white color. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 55c, parcel post paid.

**Schwill's Early Bird**—This is a splendid strain of small, extra early, round, bright red radish. Skin is a bright scarlet; flesh pure white, crisp, tender, and mild in flavor. 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00, parcel post paid.

**Schwill's Perfection Scarlet Turnip, White Tipped**—A special stock white tipped radish, bright rose above with large white tip; matures early, in 24 days; crisp, tender and mild. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 65c, parcel post paid.

## Rhubarb or Pie Plant.

Sow in spring in seed bed, in drills one foot apart. Cultivate well during the season, and in the autumn or following spring transplant into deep rich soil, from 3 to 4 feet apart. For immediate use, order roots, which come into use at once. Seed, per pkt., 5c; 1 oz., 30c, parcel post paid.



Schwill's Early Bird Radish



Schwill's Perfection Scarlet Turnip White Tip Radish

## Rhubarb Roots.

By express, at buyer's expense, 1-year plants, each, 10c; 12 for \$1.00. 2-year plants, each, 20c; 12 for \$1.50.

By parcel post, 1-year plants, each, 15c; 12 for \$1.25. 2-year plants, each, 30c; 12 for \$2.00.

## Standard Radishes.

Price, 5c per packet, any variety, 3 packets for 10c.

Bulk Prices, Parcel Post Paid.	1 oz.	2 oz.	¼ lb.	1 lb.
Early Scarlet Turnip-Rooted	.10	.15	.20	.55
Early Scarlet Turnip, White Tip	.10	.15	.20	.55
Early White, Turnip-Rooted	.10	.15	.20	.55
French Breakfast	.10	.15	.20	.55
Half Long Deep Scarlet	.10	.20	.30	.65
Long Black Spanish	.10	.15	.25	.65
Round Black Spanish	.10	.15	.25	.65
White Vienna	.10	.15	.20	.50
White Strasburg	.10	.15	.25	.50
Yellow Summer	.10	.20	.30	.65
Schwill's Superb Mixed	.10	.15	.20	.50

## The New Honey Dew Melon.

A splendid new variety, rind dull white when ripe, and has a slight tendency to net. The size of the fruit runs 6 to 7 inches in diameter from top to bottom, and 8 inches in length. The matured melons are practically all the same size and shape. The flesh is a rich green, very sweet and of a delicious flavor, said by those who have tested it to be the most delightful melon grown. We have the originator's stock. Pkt., 10c; 1 oz., 40c; 2 oz., 75c; ¼ lb., \$1.25, parcel post paid.

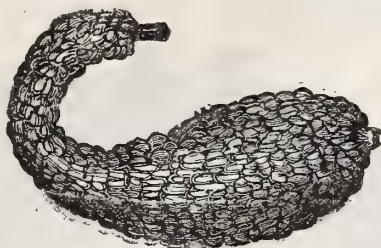




**Mammoth Sandwich Salsify**

### Roquette.

A superb salad. The young leaves are long, smooth and glossy, very tender and of a peculiar desirable flavor. Don't fail to have it in your garden. Pkt., 10; 1 oz., 25c.



**Yellow Summer Crookneck Squash**

### Salsify or Oyster Plant.

One ounce will sow 50 feet of drill; 6 to 8 pounds to an acre. Sow the seed in light, deep soil, early in spring, in drills 12 inches apart and 1 inch deep, thinning out the young plants to 6 inches.

**Mammoth Sandwich Island**—This variety is large, strong growing, and less liable to branch than the other sorts. Pkt., 5c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 75c; 1 lb., \$2.50, parcel post paid.

### Spinach.

One ounce to 60 feet of drill; 8 to 10 pounds to the acre. For an early summer crop sow early in the spring, in drills 1 foot apart, and thin out to 2 inches in the row. For winter and early spring crop sow either broadcast or in drills about the middle of September or later.



**Bloomsdale Savoy Leaved Spinach**

**Bloomsdale Savoy Leaved**—A valuable variety with wrinkled leaves. It is very hardy and prolific. Pkt., 5c; 1 oz., 10; 2 oz., 20c; ¼ lb., 30c; 1 lb., 85c, parcel post paid.

**Broad Leaved Flanders**—One of the most vigorous and strong-growing varieties. The leaves are nearly round, uniformly deep green, quite thick. Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 80c, parcel post paid.

**New Zealand**—Grows 1½ feet high, and if transplanted two by three feet will produce an abundant crop in the hot weather when the ordinary spinach cannot be had. Pkt., 5c; 1 oz., 15c; ¼ lb., 35c; 1 lb., \$1.00, parcel post paid.

**Victoria**—One of the best varieties for spring growing, as it stands fully two weeks longer than any other sort before running to seed. Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 80c, parcel post paid.

### Sorrel.

Valuable for its acid properties, mixed with salads, it imparts an agreeable and refreshing flavor. Sow in shallow drills 12 inches apart, and thin out the young plants to 6 inches.

**Large Leaved French**—Pkt., 5c; 1 oz., 15c; ¼ lb., 50c; 1 lb., \$1.25, parcel post paid.

### Squash.

One ounce will plant 40 to 50 hills; 3 to 4 pounds to the acre. Sow about the middle of spring in hills—the early sorts about 4 feet apart and the late varieties 6 to 8 feet. Pkt., 5c; 3 pkts., 10c, any variety.

**Hubbard**—One of the best winter squashes; flesh bright orange yellow, sweet and richly flavored. 1 oz., 10c; 2 oz., 15c; ¼ lb., 30c; 1 lb., \$1.00, parcel post paid.

**Boston Marrow**—Large fruited hard shell sort for winter use. Vines running, very productive. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 85c, parcel post paid.



**Early White Bush Squash**



**Delicious Squash**

**Early White Bush**—One of the best for summer use. Fruit white, with scalloped edges. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c, parcel post paid.

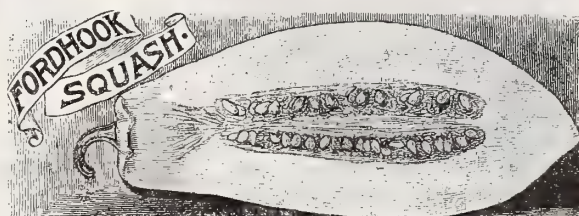
**Delicious**—Oval, thick flesh and sweet, the color being dark orange. 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00, parcel post paid.

**Mammoth White Bush**—An improved variety of the well known White Bush Squash; of uniform shape, of a beautiful white color, very early and prolific. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c, parcel post paid.

**Golden Custard**—Flesh golden yellow, fine quality. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 80c, parcel post paid.

**Yellow Summer Crookneck**—Early, skin orange yellow. 1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., \$2.00, parcel post paid.

**Giant Yellow Summer Crookneck**—Double the size of the ordinary Crookneck, but similar in other respects. 1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., \$2.00, parcel post paid.



**Fordhook**—A fall or early winter Squash of medium size; color a creamy yellow; a good keeper; flesh sweet and tender. 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00, parcel post paid.

**Cocozele**—This Italian Squash grows about 20 inches long. The skin is smooth, of a dark green color, fine flavored. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, parcel post paid.

**Banana**—The squashes grow from one and one-half to two feet in length. The skin varies from a bright yellow to a dark olive green. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, parcel post paid.

### Tobacco.

**Culture**—The seed should be sown on a well prepared seed bed in the spring and a piece of canvas stretched across the top to protect against the weather. When plants are about six inches high, set out two feet apart in rows three feet apart; spray with Paris green to keep the insects off.

**Havana**—Pkt., 10c; 1 oz., 40c, parcel post paid.

**Connecticut Seed Leaf**—Pkt., 10c; 1 oz., 25c, parcel post paid.

**Kentucky White Burley**—Pkt., 10c; 1 oz., 35c, parcel post paid.

## Evergreen Seedlings by Mail

Postpaid—6 Packages as Below.



Fine for hedges, windbreaks and ornamental lawn planting. These packages cannot be broken. By mail, postpaid to destination, price, \$1.00 per package; any 6 packages for \$5.00, parcel post paid.

Complete planting instructions and culture directions will be furnished with each order. Shipment will be made in March, April or May. Select any one of the following collections for \$1.00—

No. 1—100 Norway Spruce.

No. 5—100 White Pine.

No. 3—100 Douglas Fir.

No. 7—100 Am. Arbor Vitae.

No. 4—50 Colo. Blue Spruce.

No. 10—50 Red Cedar.

Price, any of the above collection, postpaid, \$1.00 per package; any 6 for \$5.00.





# Tomato

**Culture**—Sow in hotbed or shallow boxes in the house in early spring; when plants are large enough, transplant in hotbed or boxes and when all danger from frost is past transplant in open ground about 4 feet apart each way.



John Baer Tomato



Early Detroit Tomato

**John Baer**—The earliest large tomato in existence. Color bright red, smooth, solid and meaty. For early crop market gardeners will find it a money maker. Pkt., 5c; 1 oz., 50c; 2 oz., 75c; ¼ lb., \$1.25, parcel post paid.

**Bonny Best**—Early, good size and shape. Very prolific. This new sort is bound to be a leader, on account of its many good qualities. It is a vigorous grower; very prolific. Shape nearly round, partly flattened at stem end; very thick through. Color a bright scarlet; Pkt., 5c; 1 oz., 35c; 2 oz., 60c; ¼ lb., \$1.00, parcel post paid.

**Earliana**—A very early variety, smooth, prolific, of good size; very uniform in shape; color bright scarlet, and of fine flavor. Pkt., 5c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 75c, parcel post paid.

**Alpha Pink**—Similar in habit to Earliana; about the best of the early purplish-pink sorts. Plant is compact, branches freely; hangs in clusters of 6 or 8 fruits. Pkt., 10c; 1 oz., 50c; 2 oz., 90c; ¼ lb., \$1.50, parcel post paid.

**Dwarf Champion**—Purplish-pink; dwarf vine, but very prolific. Fruit is large and smooth, and of excellent flavor. Can be planted much closer than the taller sorts. Pkt., 5c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 75c, parcel post paid.

**Beefsteak**—Very large in size. The color is crimson and of a most agreeable acid flavor. Pkt., 5c; 1 oz., 35c; 2 oz., 60c; ¼ lb., \$1.00, parcel post paid.

**Livingston's Globe**—A large, purple fruited sort of excellent quality. Fruits rather uneven in size but very smooth. Pkt., 5c; 1 oz., 35c; 2 oz., 60c; ¼ lb., \$1.00, parcel post paid.

**Acme**—Hardy, vigorous and productive; fruit smooth, round, color pink. Pkt., 5c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 70c, parcel post paid.

**Perfection**—Fruits, smooth, tough skin of brilliant scarlet; ripens thoroughly; solid and of rich flavor. Pkt., 5c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 60c, parcel post paid.

**Favorite**—Solid, smooth and bright scarlet; ripens early. Pkt., 5c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 65c, parcel post paid.

**Schwill's Premier**—One of the very best extra early red tomatoes. Ripens a few days ahead of Earliana; the fruits are larger and smoother. Splendid for early shipping trade. Pkt., 5c; 1 oz., 50c; 2 oz., 90c; ¼ lb., \$1.50, parcel post paid.

**Trucker's Favorite**—The finest large fruited purple tomato. Thick meaty and very solid. Pkt., 5c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 70c, parcel post paid.

**Red Rock**—A large, late, red variety. Larger than Stone and very solid; almost solid meat. Pkt., 5c; 1 oz., 35c; 2 oz., 60c; ¼ lb., \$1.00, parcel post paid.

**Beauty**—Color purplish-pink; fruit large, very heavy and meaty; a very prolific and profitable variety, a good shipper. Pkt., 5c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 60c, parcel post paid.

**Early Detroit**—This is not only the most productive of the early purplish-pink tomatoes, but in uniformity and size of fruit, freedom from cracking and from tendency to blight it has been found to meet the most exacting requirements. Vine vigorous, very productive. Fruits smooth, uniform in size, nearly globe shaped, firm, excellent quality, ripens early. Pkt., 5c; 1 oz., 50c; 2 oz., 85c; ¼ lb., \$1.50, parcel post paid.

**Burpee's "Dwarf-Giant"**—This is much the largest fruited of all dwarf Tomatoes. The color is a rich purple crimson and the depth of color is maintained throughout the entire fruit. Pkt., 10c; 1 oz., 50c; 2 oz., 90c; ¼ lb., \$1.50, parcel post paid.

**Ponderosa**—A purplish-pink tomato of the largest size. Fruits very solid, with exceptionally few seeds, fairly smooth and considered of very good quality, especially by those who prefer a tomato quite free from acid. Pkt., 5c; 1 oz., 50c; 2 oz., 90c; ¼ lb., \$1.50, parcel post paid.

## Schwill's Bargain Collection \$1.00.

Forty packages of Assorted Seeds for only \$1.00. At regular prices they would cost you \$1.80. A complete garden for only \$1.00, parcel post paid. One packet each of the following seeds—

Bush Beans—Tenn. Green Pod.  
Bush Beans—Early Valentine.  
Pole Beans—Kentucky Wonder.  
English Peas—Early Alaska.  
English Peas—Telephone.  
Corn, Garden—Schwill's Surprise.  
Beet—Crosby Egyptian.  
Beet—Early Blood Turnip.  
Cabbage—Large Wakefield.  
Cabbage—Early Flat Dutch.  
Cabbage—Large Late Drumhead.  
Collard—Georgia White Cabbage.  
Carrot—Improved Long Orange.  
Cucumber—Improved Long Green.  
Cucumber—Improved White Spine.  
Cantaloupe—Rocky Ford.  
Egg Plant—New York Purple.  
Lettuce—Big Boston.  
Lettuce—White Cabbagehead.  
Mustard—Chinese Mammoth.

Mustard—Southern Giant Curled.  
Onion—Red Wethersfield.  
Okra—White Velvet.  
Pepper—Bell or Bull Nose.  
Pepper—Long Red Cayenne.  
Parsnip—Sugar Hollow Crown.  
Parsley—Double Curled.  
Radish—Scarlet Turnip White Tip.  
Radish—Long Scarlet.  
Radish—French Breakfast.  
Radish—Icicle.  
Spinach—Curled Savoy.  
Squash—White Bush.  
Swiss Chard—For Greens.  
Tomato—Acme.  
Tomato—Stone.  
Turnip—Red or Purple Top.  
Turnip—White Flat Dutch.  
Turnip—Mam. Purple Top Globe.  
Watermelon—Halbert Honey.

Forty packages—one each of the above popular varieties for only \$1.00, parcel post paid. No changes allowed in the assortment as they are put up in advance.



# Tomato

**Stone**—A large red tomato and one that can be recommended for home use, market, or canning. As the name indicates, it is very solid and firm. Pkt., 5c; 1 oz., 25c; 2 oz., 50c; ¼ lb., 75c, parcel post paid.

**Schwill's Red Majestic**—About ten days later than Stone. Fruits larger, brighter color, very smooth and more productive. The very best variety for late market. A prize-winner at our Tri-State Fair. Pkt., 5c; 1 oz., 50c; 2 oz., 90c; ¼ lb., \$1.50, parcel post paid.

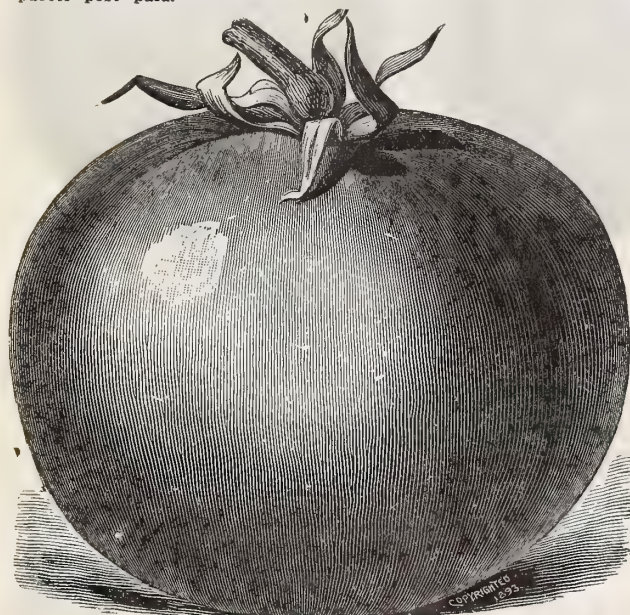
**Dwarf Ponderosa**—Compact bushy habit; fruit immense in size, of a rich purple crimson color, the plants are vigorous and do not blight as easy as the running or vine varieties. Pkt., 10c; 1 oz., 50c; 2 oz., 90c; ¼ lb., \$1.50, parcel post paid.

**Golden Queen**—Large, smooth fruits, of a beautiful golden color; quality, excellent; attractive. Pkt., 5c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 70c, parcel post paid.

**Yellow Ponderosa**—Similar in every way to the ordinary Ponderosa excepting in color, which is a golden shade; fruits very large and of fine quality. Pkt., 10c; 1 oz., 50c; 2 oz., 90c; ¼ lb., \$1.50, parcel post paid.

**Colossal**—So named on account of its size. Deep red in color, smooth and solid. Ripens mid-season. A profitable variety. Pkt., 10c; 1 oz., 50c; 2 oz., 90c; ¼ lb., \$1.50, parcel post paid.

**Success**—Unrivalled for either home or market. Ripens even, smooth and has no ridges. A brilliant bright crimson color. Large in size, and does not crack, having few seeds which makes it a desirable variety for canning. Pkt., 10c; 1 oz., 40c; 2 oz., 65c; ¼ lb., \$1.00, parcel post paid.



Schwill's Royal Pink Tomato

**Schwill's Royal Pink**—An early purple-pink tomato, large size and is more prolific than either Acme or Beauty. The few gardeners that have tested Royal Pink find it stands the heat in the late summer better than other varieties. Pkt., 10c; 1 oz., 50c; 2 oz., 90c; ¼ lb., \$1.50, parcel post paid.

## Preserving Tomatoes.

The following small-fruited varieties are used for making preserves, and are also quite ornamental while growing in the garden. Prices uniform as follows: Pkt., 5c; 1 oz., 40c, parcel post paid.

Yellow Pear Shape  
Red Pear Shape

Red Peach  
Strawberry or Husk.



**Schwill's Midget Sprayer**—Small size sprayer for ladies' use. Splendid for house use or in the garden; holds 1 pint. Price, 35c. By parcel post, 50c.

# Turnips

One ounce will sow 100 feet of drill; 2 pounds per acre broadcast. Turnips do best in a highly enriched, sandy, gravelly or light loamy soil. Commence sowing the earliest varieties in February. For a succession, sow at intervals of a fortnight until the last week in May, and from the first of July to the end of September, sowing may be made for the fall and main crops.

**Purple Top Milan**—The Milan is the earliest of all Turnips; white with purple top; very desirable for early planting. Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 90c, parcel post paid.

**White Egg**—An egg-shaped sort of quick growth, smooth and white, small top. Very tender, sweet and mild. Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 55c, parcel post paid.



American Red Top White Globe Turnip

**American Red Top White Globe**—The popular variety for market or home use. Flesh white and of excellent quality; shape is nearly a globe; skin white at bottom, purple at top, making a very attractive appearance. This variety is more largely planted than any other by market gardeners. It keeps well and is always in demand. Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 60c, parcel post paid.

**Early White Flat Dutch S. L.**—A very quick-growing white variety, adapted for spring sowing. 1 oz., 5c; 2 oz., 10c; ¼ lb., 20c; 1 lb., 50c, parcel post paid.

**Large White Globe**—Skin white and smooth; leaves large dark green. 1 oz., 5c; 2 oz., 10c; ¼ lb., 20c; 1 lb., 60c, parcel post paid.

**Improved Purple Top Yellow Rutabaga**—The best, most popular and most productive of all. We list but this one sort of Rutabaga, as we consider our strain of this variety embraces all the good points contained in the Rutabaga family. Grows entirely without neck, has very small top and tap root. It is very productive, grows to large size, but is sweet and tender. Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c, parcel post paid.

## Standard Varieties Turnips.

Price 5c per packet, any kind, 3 packets for 10c.

Parcel Post Paid	1 oz.	2 oz.	¼ lb.	1 lb.
Dixie Land Winter	.10	.15	.20	.50
Large Amber Globe	.05	.10	.15	.50
Mammoth Purple Top Globe	.05	.10	.20	.50
Red or Purple Top Strap Leaf	.05	.10	.15	.50
Schwill's Superb Mixed Turnips	.05	.10	.15	.45
Seven Top Winter Green	.05	.10	.20	.50
Sweet German or Bread Stone	.10	.15	.25	.75
Yellow Aberdeen Purple Top	.05	.10	.15	.50
Fourteen Top Landreth	.10	.15	.25	.60

## Cotton Seed From Tennessee

Is boll weevil proof. Don't take a chance and lose your entire crop by planting any other. Experiments the past two seasons have proven Tennessee-grown seed mature early and ahead of the weevil.

## Grafted or Budded Pecans

The budded or grafted pecans will bear at six years of age, while the seedlings seldom commence to give fruit under ten years after planting. Price, 2 to 3 feet, \$1.00 each; 3 to 4 feet, \$1.50 each. Varieties: Schley; Stuart; Frotischer.



# Fruit Trees, Strawberry Plants, Grape Vines, Etc.

**EXTRA DISCOUNT**—Notwithstanding the low prices we have put on all Fruit Trees, we make the following liberal offer when cash accompanies the order:

On orders amounting to \$2.50 or over, at Catalogue prices only, the purchaser may select free one tree valued at 25c.

On orders amounting to \$5.00 or over, at Catalogue prices only, the purchaser may select free trees or plants to value of 75c.

On orders amounting to \$10.00 or over, at Catalogue prices only, the purchaser may select trees or plants to value of \$2.00.

Bear in mind, this discount applies only on trees and plants in this department at regular prices, and you must select your discount from this department when you order Nursery Stock.

All prices are F. O. B. Memphis.

Trees and Plants in this department will be shipped separate from any flowers or greenhouse plants, at owner's risk.

Terms are strictly cash. We do not send out Trees or Plants C. O. D. under any conditions.

Especially attention is called to the very superior quality of the Nursery Stock we supply. It is first-class in every respect, smooth, straight, handsome. No orders filled after April 1st, trees being mostly leaved at that time, and will seldom prove satisfactory.



Arkansas Black Apple



Concord Grape



Keiffer Pear

## Apples.

2-year-old Trees.....each, 35c; 6 for \$1.75; 12 for \$3.00  
3-year-old Trees.....each, 50c; 6 for \$2.50; 12 for \$5.00

## Summer Varieties.

Early Colton—Yellowish white; ripens in July.  
Duchess of Oldenburg—Yellow, striped red; ripens in July.  
Early Harvest—Fine yellow; ripens in June.  
Family—Yellowish, with crimson; ripens in July.  
Horse—Large, yellow, fine for cooking; ripens in August.  
May Pippin—Greenish yellow; ripens in May and June.  
Red Astrachan—Greenish, covered crimson; ripens in June.  
Red June—Dark crimson, fine grain, moderately juicy.  
Summer Queen—Flesh yellow, firm, rich; ripens in May.  
Yellow Transparent—Large, clear, yellow, juicy.

## Fall Varieties.

Bachelor—Large, agreeable flavor; ripens in November.  
Bell Flower—Oblong, fine rich yellow, juicy, acid.  
Fall Pippin—Large, yellow; ripens in September.  
Gloria Mundi—One of the largest apples; ripens in September.  
Maiden's Blush—Large, pale yellow; ripens in September.  
Rome Beauty—Large, red, white flesh, ripens in August.  
Yates' Mammoth—Richly striped; ripens in November.

## Winter Varieties.

Arkansas Beauty—Large, bright red; succeeds well.  
Arkansas Black—Large, dark crimson, flesh yellow.  
Ben Davis—Large, greenish yellow, striped with red.  
Black Twig—Resembles the Wine Sap, except that it is from one-third to one-half larger.  
Grimes' Golden—Golden yellow, crisp, tender, juicy.  
Jonathan—Largest size; rich color, handsome variety.  
Kentucky Streak—Large, handsome, flesh white.  
Kinnard's Choice—Medium, flesh crisp, highly flavored.  
Shockley—Waxed yellow, with crimson cheek.  
Wine Sap—Rich, dark red, flesh fine, creamy yellow.

## Stark's Delicious Apple.

The finest apple in all the world. This great, big, flashing red apple, with its exquisite flavor and its crisp, fine grained, juicy flesh is proclaimed and recognized as the peer of all apples by the greatest Horticulturists. The tree does not succumb to blight. Bears annually luscious fruit, large in size, of a beautiful crimson color and in flavor simply delicious. Don't fail to set this spring a few trees of this wonderful new apple.

1-year-old Trees .....each, 40c; 6 for \$2.00  
2-year-old Trees .....each, 50c; 6 for \$2.50

## Standard Pears.

2-year-old Trees .....each, \$ .40; 6 for \$ 2.00; 12 for \$ 3.50  
3-year-old Trees .....each, \$1.00; 6 for \$ 5.00; 12 for \$10.00  
4-year-old Trees .....each, \$2.00; 6 for \$10.00; 12 for \$15.00

Bartlett—Yellow, faint blush; ripens in August.  
Clapp's Favorite—Resembles Bartlett; ripens in August.  
Duchess D'Angouleme—Very large; ripens in October.  
Flemish Beauty—Large, sweet; ripens in August.  
Garber—Larger than Keiffer; beautiful yellow.  
Koonce—Of large size and of good form and color.  
Keiffer—Golden yellow, tinged with red on one side, remarkably free from blight; ripens in September.  
LeConte—Large, of fair quality; ripens in August.

## Grapes.

Strong 2-year vines.....each, 25c; doz., \$2.00; 100, \$10.00  
By parcel post.....each, 35c; 6 for \$1.50

Brighton—Large, coppery red; best quality.  
Campbell's Early—Large, compact, black berry.  
Concord—Large, black, juicy; sweet when ripe.  
Delaware—Bunches small and compact; light red.  
Early Ohio—The earliest black grape; bunches large.  
Lutie—Very early, large red; free from rot.  
Moore's Early—Large, black, earlier than Concord; fine.  
Niagara—Berries large, sweet, greenish white.  
Worden—Concord type, large in bunch and berry.

## Plums.

2-year-old Trees.....each, \$ .40; 6 for \$2.00; 12 for \$ 3.50  
3-year-old Trees.....each, \$1.00; 6 for \$5.00; 12 for \$10.00

Abundance—Large, sweet, juicy; very early, bright red.  
Burbank—Large, clear, cherry red, very sweet.  
Damson—Bluish purple, fine for cooking; ripens in August.  
Red June—Purplish red, flesh yellow, solid juicy.  
Wild Goose—Very large and fine; ripens in June.  
Wickson—Purple red, firm, sweet and juicy, ripens in June.

## Crab Apples.

Each .....25c Dozen .....\$2.25  
Golden Beauty Red Siberian Yellow Siberian

## Apricots.

Strong 2-year-old Trees.....each, 40c; doz., \$3.50  
Early Golden—Small, pale orange, juicy and sweet.  
Moorepark—Medium size, good keeper; clear yellow.  
Russian—Of best quality, ripens early; very productive.



## Peaches.

1-year-old Trees.....each, 20c; 6 for \$1.00; 12 for \$1.50  
 2-year-old Trees.....each, 25c; 6 for \$1.25; 12 for \$2.00  
 3-year-old Trees.....each 50c; 6 for \$2.75; 12 for \$5.00



Champion Peach

## Freestones.

Admiral Dewey—Orange yellow, crimson cheek; June 15.  
 Belle of Georgia—Large yellow; ripens about August 1st.  
 Carmen—Freestone; ripens in June; large.  
 Champion—Immense size, white, red cheek; August.  
 Coleman's Choice—Freestone; large yellow; ripens July.  
 Crawford's Early—Yellow, juicy; ripens August.  
 Crawford's Late—Finest quality; ripens August 20.  
 Early Rivers—White, pink cheek; ripens July.  
 Ensley—Crimson yellow; ripens August 15.  
 Early Tillotson—White covered, red cheek; July 25.  
 Elberta—Flesh yellow, juicy and sweet; ripens August 1.  
 Greensboro—An early variety, large white; June 15.  
 Globe—Fine yellow; ripens October.  
 Heath Free—Very tender, juicy and melting; September.  
 Matthew's Beauty—Large yellow peach; August.  
 Mountain Rose—White, splashed carmine; ripens July 1.  
 Old Mixon Free—Yellowish white; ripens August 15.  
 Piquet's Late—Flesh yellow, sweet; ripens September.  
 Stump the World—Large, white, fine; ripens August 15.  
 Susquehanna—Fine canner; ripens July 30.  
 Triumph—Yellow; ripens June 1 to 15.  
 Wonderful—Handsome, productive; ripens October 10.  
 Yellow St. John—Golden yellow; ripens June 20.

## Clingstones.

Chinese Cling—Creamy white; ripens July 15.  
 Fitzhugh Lee—Creamy white, crimson blush; July.  
 Heath Cling—Pale yellow, fine; ripens September.  
 Indian Blood—Large, dark crimson; ripens August.  
 Lemon Cling—Deep yellow; ripens end of July.  
 Levy's Late—A fine, large late variety; ripens October.  
 Morris October—One of the best; ripens October 1.  
 Nix Late—A large, late clingstone from Georgia.  
 Old Mixon Cling—Yellowish white; ripens August.  
 Sneed, or Peeble's—Creamy white, half cling; ripens June.  
 Stonewall Jackson—Very fine; ripens July 15.  
 White English Cling—Very large, creamy white, with blush on sunny side, flesh very juicy; ripens August.

## Cherries.

2-year-old Trees.....each, \$ .40; 6 for \$2.00; 12 for \$ 3.50  
 3-year-old Trees.....each, \$1.00; 6 for \$5.00; 12 for \$10.00

Black Tartarian—Black, juicy; ripens last of June.  
 Early Richmond—Fine, very early; ripens in May.  
 Governor Wood—Very large; ripens last of May.  
 Late Duke—Light red; ripens last of June.  
 May Duke—Large, dark red; ripens in May.  
 Wright's Early—A native variety; ripens early.  
 Wright's Mammoth—Vigorous grower, fruit large.

## Nectarines.

Strong 2-year-old Trees.....each, 35c; doz., \$3.00

## Fig Bushes.

Price, either variety, 1-year Trees .....each, 40c; doz., \$3.50



Brown Turkey Fig

Brown Turkey—Medium size, very sweet, prolific, hardy.  
 Celestial—Very large, violet, good and productive.  
 Lemon—A beautiful lemon colored fig, very sweet.

## Quinces.

Strong 2-year-old Trees.....each, 40c; doz., \$3.50

Champion—Large and handsome; tender and rich in flavor.  
 Orange—Large, round, golden yellow; very fine.  
 Rea's Mammoth—An improvement upon the Orange; much larger.

## Japan Persimmons.

The Japan Persimmon is thoroughly adapted to the Cotton Belt. The fruit varies in color and shape. We offer two of the best kinds, well adapted to this latitude. Price, 2 to 4 feet, each, 50c.

## Mulberries.

Price .....each, 50c; doz., \$5.00  
 Hick's Everbearing—Produces immense crops; splendid for poultry and hogs.

## Plant Trees Early.

Get all fruit trees planted at the very earliest chance, so that they may make all growth possible the first year after setting out.

## Hawkeye Tree Protector.

A sure protection against sun scald, rabbits, mice and other vermin. Keeps them from eating the bark on young trees. 100, \$1.50; 50, \$1.00; 12, 30c. By parcel post, 100 for \$1.90; 50 for \$1.35.



A new powder that effectually takes the place of paris green and other dangerous and poisonous insecticides. Absolutely safe to use, as it contains no poison whatever. Send for circulars.

Price, 1 lb., 20c; 3 lb., 40c; 5 lb., 60c; 12½ lb., \$1.10. By parcel post, 1 lb., 30c; 3 lb., 55c; 5 lb., 80c; 12½ lb., \$1.45.

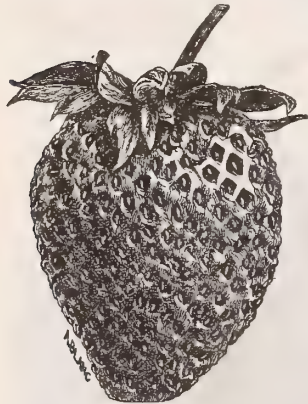


## Strawberries.

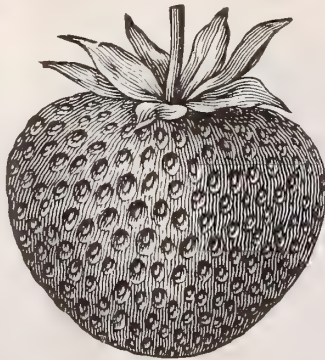
Plant in February, March, April and November on good ground, deeply worked and well manured. Set in rows  $3\frac{1}{2}$  feet apart, 15 inches in rows for field culture; 15 inches each way for garden. Cultivate clean, mulch late in the fall and uncover early in the spring. Remove mulch after fruiting and spade in a light dressing of manure.

**Excelsior**—A standard extra early variety that succeeds everywhere. Firm, brilliantly colored. Fine table berry when perfectly ripe. Price, by express, 25 for 25c; 100 for 60c; 500 for \$2.00; 1000 for \$3.00. By parcel post, 25 for 40c; 100 for 75c; 500 for \$2.50.

**Klondike**—A Southern berry, medium early, color dark red, and good size. Flowers perfect. Price, by express, 25 for 25c; 100 for 60c; 500 for \$2.00; 1000 for \$3.00. By parcel post, 25 for 40c; 100 for 75c; 500 for \$2.50.



Klondike Strawberry



Grandy Strawberry

**Brandywine**—A large, highly productive variety that fruits continuously for a long time. Succeeds everywhere. Price, by express, 25 for 30c; 100 for 75c; 500 for \$2.50; 1000 for \$4.00. By parcel post, 25 for 45c; 100 for 90c; 500 for \$3.00.

**Lady Thompson**—Fruits large, slightly pointed, light red, but very sweet; perfect blooming. Price, by express, 25 for 25c; 100 for 60c; 500 for \$2.00; 1000 for \$3.00. By parcel post, 25 for 40c; 100 for 75c; 500 for \$2.50.

**Lady Corneille**—A new strawberry from Louisiana, ripens with Klondike, but continues in bearing longer; berries large, rich, glossy red, slightly long, uniform in size and shape; rich, juicy, sweet and delicious. The plant is vigorous, with dark green glossy leaves, and stands drouth better than any other variety. Flowers perfect, therefore will produce crop when planted alone. Price, by express, 25 for 50c; 100 for 75c; 500 for \$2.50; 1000 for \$4.00. By parcel post, 25 for 70c; 100 for \$1.15; 500 for \$3.00.

**Gandy**—The best late variety; produces large even dark crimson fruit; a splendid shipper. Price, by express, 25 for 25c; 100 for 60c; 500 for \$2.00; 1000 for \$3.00. By parcel post, 25 for 40c; 100 for 85c; 500 for \$2.50.

**Aroma**—Very large, late maturing, berries solid, deep red, uniform in size; perfect blooming. Price, by express, 25 for 25c; 100 for 60c; 500 for \$2.00; 1000 for \$3.00. By parcel post, 25 for 40c; 100 for 75c; 500 for \$2.50.

**Superb Everbearing**—A new species different from the ordinary strawberry, in that they bear in the fall. Many persons have the impression that the fall, or Everbearing strawberries are difficult to grow successfully. This is an error; their culture is almost as simple as the ordinary kinds. For full crops in autumn, it is best to remove all blossoms until about the first or middle of July. In all other respects they should be given the same treatment as other varieties of strawberries. Price, **Superb Everbearing**, as follows: By express, 25 for 60c; 50 for \$1.00; 100 for \$1.75; 500 for \$6.00. By parcel post, 25 for 70c; 50 for \$1.15; 100 for \$2.00; 500 for \$6.50.

## Blackberries.

Plant in good soil, in rows 5 to 6 feet apart, and 3 to 4 feet apart in the row. After the fruiting season, or in early spring, cut out all the dead wood. Blackberries should be planted early, before the buds start. A good top dressing of stable manure, applied annually, will be conducive to large crops. Keep the ground clean.

**Early Harvest**—The earliest good blackberry, fruits well, of excellent quality. Price, each, 10; 6 for 40c; 12 for 60c; 100 for \$3.00. By parcel post, each, 15c; 6 for 50c; 12 for 75c.

**Eldorado**—Fruit large, roundish conical, rich glossy black; firm, juicy, sweet and excellent. Price, by express, each, 15c; 6 for 50c; 12 for 75c; 100 for \$4.00. By parcel post, each, 25c; 6 for 65c; 12 for \$1.00.

**Himalaya Giant**—A mammoth late blackberry; ripens over a period of several weeks, making it especially desirable for family use. Fruit large, fine quality. Price, by express, each, 15c; 6 for 75c; 12 for \$1.00. By parcel post, each 25c; 6 for 90c; 12 for \$1.25.

## Raspberries.

Plant in rows 5 or 6 feet apart, 2 to 4 feet in the row. Cut the tops off within a few inches of the ground when planted. After the first season, cut out all the old wood which bore the last crop of fruit. Pinch the vigorous young shoots several times during the summer.

**Gregg**—Blackcap; very productive, large size, firm, black. Price, by express, each, 10c; 6 for 40c; 12 for 60c; 100 for \$3.00. By parcel post, each, 20c; 6 for 55c; 12 for 85c.



Cumberland Raspberry

**Cumberland**—The largest black raspberry grown; quality fine; ripens very early. Price, by express, each, 15c; 6 for 50c; 12 for 75c; 100 for \$4.00. By parcel post, each, 25c; 6 for 65c; 12 for \$1.00.

**Cuthbert**—Fruit large, red, of excellent quality, yield very prolific; ripens middle of May. Price, by express, each, 10c; 6 for 50c; 12 for 75c; 100 for \$3.00. By parcel post, each, 20c; 6 for 65c; 12 for \$1.00.

**St. Regis Everbearing**—The berries are large and beautiful, firm and full flavored; a deep bright red color; bears both in the spring and fall. Price, by express, each, 15c; 6 for 60c; 12 for \$1.00; 25 for \$1.50. By parcel post, each, 25c; 6 for 75c; 12 for \$1.25; 25 for \$1.85.

## Rocky Mountain Cherry.

One of the greatest novelties in the fruit line ever introduced. Tree grows to a height of 4 feet and has never been affected by insects, black knot or other disease. The fruit is a rich red and changes to almost black when ripe, of good size, fine flavor and unsurpassed for preserves or eating. Price, trees 18 inches high, each, 50c; 6 for \$2.50. By parcel post, each, 70c.

## Succession Fruit Tree Collection.

32 Trees for \$5.00, f.o.b. Memphis.

This collection is made up of such varieties that will give you fruit from early summer to late in the fall and early winter. When one tree stops bearing another one will be ready with ripe fruit.

2 May Apples.	4 June Peaches.
2 June Apples.	4 July Peaches.
2 July Apples.	4 August Peaches.
2 August Apples.	2 September Peaches.
2 September Apples.	3 Assorted Pears.
2 May Peaches.	3 Assorted Plums.

For an orchard at home our Succession Collection will please you. We select the proper varieties with the utmost care so as to rotate each other. At price named on this assortment, purchaser pays carrying charges.

## Memphi Grape Collection.

25 Fine 2-Year-Old Vines for Only \$2.50.

5 Concord.	5 Niagara.	5 Worden.
5 Moore's Early.	5 Lurie.	

Packed f.o.b. Memphis for only \$2.50.

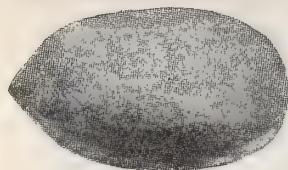
## 1917 Strawberry Collection.

200 for \$2.00, Parcel Post Paid.

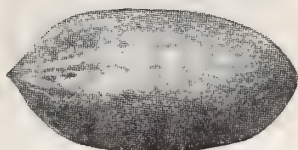
50 Klondike.	50 Gandy.
50 Lady Corneille.	50 Everbearing.

This selection will give you ripe Strawberries throughout the season.





Stuart Paper Shell Pecan



Frotscher Paper Shell Pecan

### Grafted Pecans.

**Paper Shell Grafted Pecans**—The grafted pecan tree will bear in five years after planting. They produce those large nuts that retail at 50c to 75c per pound. Why waste time with the seedlings, which seldom bear under ten years? Six or eight acres in the grafted pecans will insure a good income every year. We can furnish the best large thin shell varieties. **Stuart-Van Deeman-Schley-Frotscher.**

	1 Tree	10 Trees	100 Trees
1-year-old .....	\$ .65	\$ 6.00	\$ 55.00
2-year-old .....	1.00	9.50	90.00
3-year-old .....	1.50	14.00	135.00

Above prices are all f.o.b. Memphis, and these will be shipped separate from other fruit trees on our list. Special prices quoted on large lots.

### Seedling Pecans.

These are raised from the largest thin shelled nuts.

**Paper Shell Seedling Pecans**—The nuts are large and very thin shelled. 2 to 3 feet, each, 50c; doz., \$5.00.



Scuppernong Grapes



Asparagus Roots

### Scuppernong Grapes.

Bunches seldom ever composed of more than 8 or 10 berries; berries round, of a bronze color, when fully ripe; vine is free from all disease and attacks of insects. 1-year, 50c; doz., \$4.00; 2-year, each, 75c; doz., \$7.50. By parcel post, 1-year, each, 65c; 2-year, each, 90c.

### Dewberries.

**Lucretia**—The berries are far larger and incomparably better than any blackberry, and of unequalled excellence; soft, sweet and luscious throughout; of brightest glossy black color. Price, by express, each, 15c; 6 for 50c; 12 for 75c; 100 for \$4.00. By parcel post, each, 25c; 6 for 65c; 12 for \$1.00.

### Currants.

**Fay's Prolific**—One of the most prolific, of excellent quality. Price, by express, each, 15c; 6 for 75c; 12 for \$1.00; 100 for \$6.00. By parcel post, each, 25c; 6 for 90c; 12 for \$1.25.

### Gooseberries.

**Downing**—Large, pale green berries. Price, by express, each, 20c; 6 for \$1.00; 12 for \$1.50; 100 for \$8.00. By parcel post, each, 30c; 6 for \$1.15; 12 for \$1.75.

### Holt's Mammoth Sage.

The plants are very strong growing, the first season attaining one foot in height; the leaves are very large and of unusual substance, strong in flavor, and of superior quality. Price, by express, each, 25c; 6 for \$1.25; 12 for \$2.00. Price, by parcel post, each, 35c; 6 for \$1.50; 12 for \$2.50.

### Tree and Shrub Planting.

**Tree and Shrub Planting**—Dig the hole deep and very much larger than is necessary to admit all the roots in their natural position, keeping the surface and subsoil separate. Cut off broken and bruised roots and shorten the tops to half a dozen good buds, except for fall planting, when it is better to defer top-pruning until the following spring.

Fill up the hole with surface soil, so that the tree will stand about as it did in the nursery after the earth is settled. Work the soil thoroughly among the roots, and, when well covered, tramp firmly. Set the tree firm as a post, but leave the surface filling (or poorer soil) light or loose. No staking will be required, except for very tall trees.

### Hardy Shrubs.

	2-year Plants Each	Doz.
Althea, in 10 colors, Rose or Sharon .....	\$ .30	\$3.00
Calycanthus, sweet shrub, clove or allspice .....	.35	3.50
Crepe Myrtle, crimson .....	.35	3.00
Deutzia, assorted colors .....	.30	3.00
Forsythia, Golden Bell .....	.35	3.50
Japan Quince, per 100, \$15.00 .....	.25	2.40
Lilac, purple .....	.35	3.50
Philadelphus, Syringa .....	.30	3.00
Snowball Shrub .....	.35	3.50
Spirea, assorted .....	.30	3.00
Weigelia, assorted .....	.35	3.50

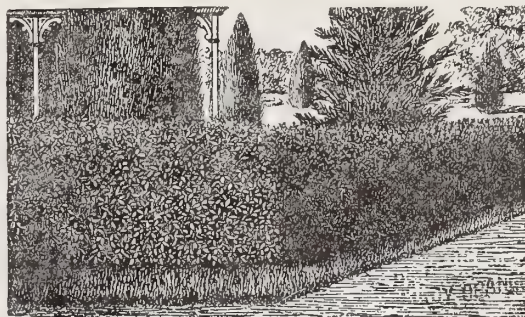
Shrubs at wholesale. Parties wanting any of the above varieties in lots of 50 or 100, we quote same at \$16.00 per 100, all full 2-year plants.

### Shade Trees.

Price, trees 5 to 6 feet, 75c; 8 to 10 feet, \$1.00 each.

American Linden.  
China Umbrella.  
Silver Leaf Maple.  
Lombardy Poplar.  
Carolina Poplar.  
Water Oak.

Red Elm.  
Judas or Red Bud.  
Catalpa Speciosa.  
Weeping Willow.  
Norway Maple.  
Sugar or Rock Maple.



Hedge of California Privet

### Privet Hedge Plants.

**California Privet**—The great hedging plant. Remarkable for the beauty of its evergreen foliage and strong, regular, symmetrical growth. The foliage is dark green, very glossy and wax-like; hardy everywhere. Does well in all situations and under all conditions.

**Amor Privet**—Retains its color remarkably well in the winter. Is quite hardy and makes a fine hedge.

Price, either kind, by express only.

1-year plants, 12 to 15 inches .....	.25	\$1.00; 100, \$3.00
1-year plants, 18 to 24 inches .....	.25	1.25; 100, 4.00
2-year plants, 30 to 36 inches .....	.25	2.00; 100, 6.00

### Asparagus Roots.

2-year roots .....	.12, \$ .25; 100, \$ .75; 1000, \$ 6.00
3-year roots .....	.12, .35; 100, 1.50; 1000, 10.00
2-year roots (by parcel post) .....	.12, .35; 100, 1.15
3-year roots (by parcel post) .....	.12, .50; 100, 2.00

### Horse Radish Sets.

Roots will produce good radish fit for use in one season's growth. Plant the set small end down, so that the top will be 2 inches under the soil.

**Large White Horse Radish**—Doz., 25c; 100, \$1.50, parcel post paid. By express, doz., 20c; 100, \$1.25.

### Spraying.

**Spraying**—We cannot be too emphatic in impressing on the horticulturist to spray his garden, fruit trees and grape vines if he desires good fruit.

Every fruit grower should purchase a spraying apparatus; they can now be had for a small sum. Be careful in keeping your solution continually stirred.

One secret of spraying is to force the liquid hard against the foliage, so all the insects may be touched. This can be accomplished successfully only by using a force pump. Spraying your trees will save 90 per cent of your crop. It is worth all your labor and expense to try it.



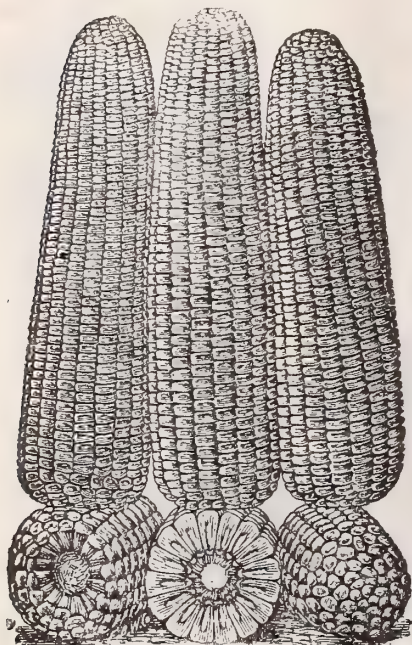
# Selected Seed Corn

"The secret of good corn crops is largely in the seed. Only the best should be planted."—Prof. R. A. Moore, Wisconsin College of Agriculture.

The deep interest now taken by the farmer in securing the highest quality of seed has enthused new life in the professional seed grower and our growers have not lagged behind, but have produced this year a very choice lot of seed corn.

We are in better position this year to furnish you the best selected and graded seed corn, and we know that you will never regret if you try it.

## White Varieties.



Schwill's Prize Medal Corn

**Schwill's Prize Medal**—The largest white corn grown; matures in 120 days. It is vigorous, healthy, a rank grower and an enormous yielder. A deep near gourd seed grain, sound as a dollar, ears a full foot long. On good ground will make 60 to 75 bushels to the acre. A whacking big ear with a big stalk. Truly a Southern favorite. It is also a fine ensilage variety on account of its heavy foliage and stalk. Qt., 35c; 4 qts., 85c; pk., \$1.50, parcel post paid. By freight, not prepaid, 4 qts., 60c; pk., \$1.00; bu., \$3.50.

**Stephenson's Red Cob White Gourd Seed**—A very desirable deep grain, pure white variety, ears about ten inches long with a very small red cob well filled to the end. Stalks medium tall but are very heavy, therefore almost storm proof; good size ears with a long grain and a very small red cob, and will produce two ears to the stalk. Stephenson's Red Cob Gourd Seed Corn is as well adapted to bottom lands, and does equally well on rich uplands, the grain having enough flint in it to avoid rotting. In our opinion this corn will prove one of the best deep grain corns for the South, as it will mature earlier than the tall growing varieties. Our stock is direct from the originator and pure bred, every ear handled selected, tipped, and butted and shelled by hand. Qt., 35c; 4 qts., 75c; pk., \$1.25, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., \$1.00; bu., \$3.50.

**Hickory King**—100 days. The cob is very small, grain broad, white. Does well on thin land. It ripens in from 100 to 110 days from time of planting. Qt., 35c; 4 qts., 75c; pk., \$1.25, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., \$1.00; bu., \$2.75.

**North Carolina White Prolific**—A fine variety of white field corn. It is very hardy and can be planted very early, as well as late. By parcel post, qt., 30c; 4 qts., 75c; pk., \$1.25. By freight, not prepaid, 4 qts., 50c; pk., 75c; bu., \$2.75.

## Farmogerm

For Sweet Peas, English Peas and Garden Beans.

Special Half-Garden size,  
per bottle, 25c; by parcel post, 30c  
Full Garden size,  
per bottle, 50c; by parcel post, 55c



Stephenson's Red Cob White Gourd Seed Corn



Big Rockdale Corn

**Big Rockdale**—Ears large, 10 to 13 inches, weigh 1 to 1 1/4 pounds. Medium early, cob small with deep, white grains. It is one of the best big-eared Southern field corns for main crop, either for rich bottom or fertile uplands. Qt., 40c; 4 qts., 90c; pk., \$1.50, parcel post paid. By freight, not prepaid, 4 qts., 70c; pk., \$1.00; bu., \$3.50.

**Mesby's Prolific**—This is a Southern corn, and is recommended for general crop. It is purely white, small cob, deep full grain, neither too hard nor too soft, and stands crowding in the drill as close again as any other kind. Ears of medium size, but long. Our stock is extra select and pure this season. Qt., 35c; 4 qts., 75c; pk., \$1.25, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., 75c; bu., \$2.75.

**Mexican June**—A strong, robust grower, sending the roots deep into the soil. Stands heat and drouth well. Should be planted in succession from middle of April to end of July. Qt., 35c; 4 qts., 75c; pk., \$1.25, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., 75c; bu., \$2.75.

**Tait's White Dent**—A pure white early corn, bearing two good ears to the stalk, maturing in 90 to 100 days. The cobs are unusually small for the size of the corn. The ears are medium sized, 14-rowed. Plant it for early crop as it makes before summer drouths. Qt., 35c; 4 qts., 85c; pk., \$1.50, parcel post paid. By freight, not prepaid, 4 qts., 60c; pk., \$1.00; bu., \$3.00.

**Vardaman's Stooling**—A pure white corn with good size ears that will produce from two to ten ears on every hill, depending on the land. The average yield of this splendid corn for the last three years was 94 bushels per acre. The suckers on this corn produce corn for three or four weeks later than the main stalks, which in case of drouth, extends the fruiting season three weeks longer than any other corn. Qt., 40c; 4 qts., 75c; pk., \$1.50, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., \$1.00; bu., \$3.50.

## Free—The Eureka Garden Drill

How to Get a Good Garden Drill Free.

Any one sending us an order for garden and flower seeds only to the amount of \$5.00 at one purchase, in 5, 10, 15, 20, 25 and 35-cent packages, catalogue prices of 1917, we will give free as a premium an excellent Garden Drill. Bear in mind, this offer does not apply to any purchase of grain, clover, grass seeds, onion sets, seed potatoes, plants, trees, etc., only to garden and flower seed in size packages mentioned. This Drill is included free only when cash accompanies the order, and will be sent to you either with seed wanted, or by parcel post.

## FREE

## One Broadcast Hand Seed Sower

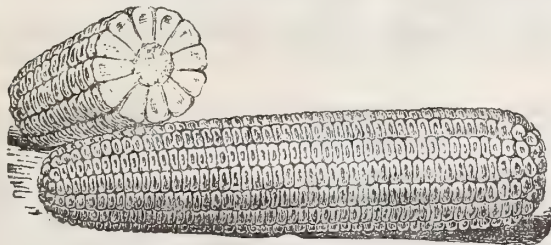
With every cash order of Grass Seeds, Clover, Oats, etc., amounting to \$20.00 or more at catalogue prices, we will give you free one excellent Broadcast Seeder. This machine will do fine work, sow evenly and well all kinds of grains, clover, grass, cow peas, sorghum seeds. We will send it free on orders as stated above.

Don't Fail to Take Advantage of This Liberal Offer



# Selected Seed Corn

**Schwill's Early Surprise**—A good, early white field corn. Planted about the middle of March, it will mature about the 1st of July. Qt., 35c; 4 qts., 95c; pk., \$1.75, parcel post paid. By freight, not prepaid, 4 qts., 75c; pk., \$1.25; bu., \$4.50.



Tennessee White Red Cob Corn

**Tennessee Red Cob White**—A large-eared, red cob corn; grain deep and large. By parcel post, qt., 30c; 4 qts., 65c; pk., \$1.25. By freight, 4 qts., 40c; pk., 75c; bu., \$2.50.

**Boone County White**—This has proven a very superior variety of field corn. Ears good average length, with large, pure white grains. Matures early, stalks medium tall, stocky and adapted to most all soils. Qt., 35c; 4 qts., 75c; pk., \$1.25, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., 75c; bu., \$2.50.

**New Brazilian or Stooling Corn**—This corn, as the name indicates, is inclined to stool, and one grain will produce, in many instances, more than one stalk. Each stalk bears two or three ears. The kernel ground and bolted by the same process as wheat, gives a fine flour that will make bread, biscuits. Qt., 50c; 4 qts., \$1.00; pk., \$2.00, parcel post paid. By freight, not prepaid, 4 qts., 75c; pk., \$1.50; bu., \$5.50.

**St. Charles White Red Cob**—Makes good stout stalk, medium height, ears 8 inches, pure white grain on medium red cob. Qt., 30c; 4 qts., 65c; pk., \$1.25, parcel post paid. By freight, not prepaid, 4 qts., 40c; pk., 75c; bu., \$2.25.

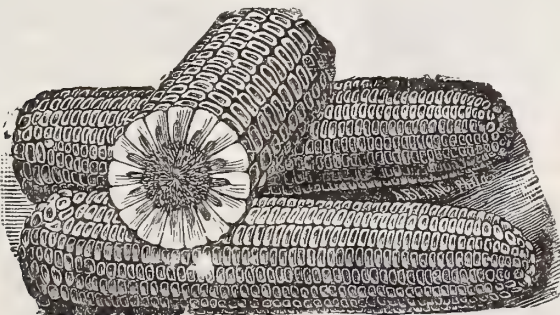
**Schwill's Ninety-Day Early White**—One of the earliest. Planted on or about March 20, it will be ready to gather by July 1. Qt., 30c; 4 qts., 65c; pk., \$1.25, parcel post paid. By freight, not prepaid, 4 qts., 40c; pk., 75c; bu., \$2.50.

**Champion White Pearl**—A pure, 90-day white corn. Qt., 30c; 4 qts., 65c; pk., \$1.25, parcel post paid. By freight, not prepaid, 4 qts., 40c; pk., 75c; bu., \$2.25.

**Iowa Silver Mine**—A large white corn; matures in about 90 days. Qt., 30c; 4 qts., 65c; pk., \$1.25, parcel post paid. By freight, not prepaid, 4 qts., 40c; pk., 75c; bu., \$2.50.

**Snowflake**—Ears 9 to 12 inches in length; matures in 90 to 100 days. Grain pure white; a sure cropper. Qt., 30c; 4 qts., 75c; pk., \$1.25, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., 75c; bu., \$2.50.

## Yellow Varieties.



Golden Surprise Corn

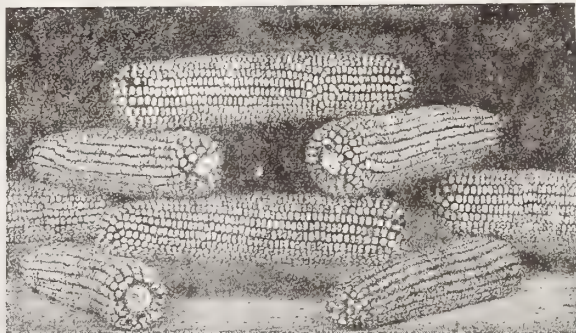
**Golden Surprise**—This is one of the finest varieties of yellow corn. Grains very solid, exceedingly long, and 16 to 18 rows on the cob. Matures in 100 days. Qt., 40c; 4 qts., 75c; pk., \$1.25, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., 75c; bu., \$2.75.

**Improved Yellow Leaming, 90 Days**—Small grains, orange yellow color Qt., 30c; 4 qts., 65c; pk., \$1.20, parcel post paid. By freight, not prepaid, 4 qts., 40c; pk., 70c; bu., \$2.25.

**Schwill's Ninety-Day Early Yellow**—A standard variety; quick maturing. Qt., 30c; 4 qts., 65c; pk., \$1.20, parcel post paid. By freight, not prepaid, 4 qts., 40c; pk., 70c; bu., \$2.25.

**Tennessee Mammoth Yellow**—A Southern-grown large-eared yellow corn. Qt., 35c; 4 qts., 85c; pk., \$1.50, parcel post paid. By freight, not prepaid, 4 qts., 60c; pk., \$1.00, bu., \$3.00.

**Mortgage Lifter**—A large ear yellow corn; matures medium early; big yielder; bright yellow grains. Qt., 30c; 4 qts., 75c; pk., \$1.25, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., 75c; bu., \$2.50.



Reid's Early Yellow Dent Corn

**Reid's Early Yellow Dent**—Ears medium size, light yellow deep grain and small red cob. Matures in 85 to 90 days. Qt., 30c; 4 qts., 65c; pk., \$1.10, parcel post paid. By freight, not prepaid, 4 qts., 40c; pk., 60c; bu., \$2.50.

## Ratekin's Seed Corn.

In original bags, from the J. W. Ratekin Seed Co.



Ratekin's Pride of Nishna Corn

**Ratekin's Pride of Nishna**—A beautiful deep grained yellow corn, running from 9 to 12 inches long, on medium small red cob. Matures early, in 90 to 100 days. Stalks grow strong and robust, 8 to 10 feet high. Good for either hill or bottom ground. In all a splendid variety.

**Ratekin's Diamond Joe Big White**—A pure and distinct variety, vigorous in growth, every stalk bearing two well developed ears. Early to mature, making itself anywhere in 100 days or less. Grains pure white, of good substance, with ears of good average size. It will thrive and do well in the extreme South, where other varieties fail.

**Ratekin's Iowa Silver Mine**—A pure white corn, ears 8 to 10 inches long. Succeeds well on thin or poor land. Matures in 90 to 100 days. We offer this corn to our farmers as one of the very best for feeding or ensilage purposes.

**Ratekin's Imperial White**—A handsome pure variety of white corn, set on a red cob. Ears 8 to 10 inches long, 16 to 18 rows good, broad grains. Matures in 100 days. A very desirable variety either for grain, fodder or ensilage.

**Ratekin's Bloody Butcher**—A fine corn for stock feeders. Grains deep red, solid, firm ear. Very early, therefore, fine for late planting.

**Price, any of the five foregoing varieties of Ratekin's Corns as follows**—Qt., 35c; 4 qts., 75c; pk., \$1.25, parcel post paid. By freight or express, at buyer's expense, 4 qts., 50c; pk., 75c; bu., \$2.50.

## Pop Corn.

**Price, any of the following varieties, pkt., 15c; ½ lb., 20c; 1 lb., 30c; 5 lb., \$1.00, parcel post paid. By freight, not prepaid, 1 lb., 20c; 5 lb., 75c; 10 lb., \$1.25; 50 lb., \$4.00.**

**White Rice**—Very easily popped, tender and white; the best for market.

**White Pearl**—A fine variety; clear white and productive.

**Queen's Golden**—A beautiful golden color; pops large.

**Red Beauty**—A new variety, fine flavor; pops well.



# Good Cotton Seed

Our planting seed is mostly grown in this county, some varieties in Dyer and Lake counties to the north of Memphis, and other varieties we get from reliable growers in the Carolinas, so when buying your cotton seed from us, you get them from sections that are free from boll weevil. Don't risk planting seed grown in Mississippi or Louisiana the coming season. It's dangerous.

Send us your order and get Dependable Stocks, grown entirely out of the boll weevil district. All prices subject to market changes, f.o.b. Memphis. Write for special prices on large amounts. All cotton seed we quote are based on 30 pounds to the bushel, which is the standard. Please bear this in mind when ordering.



Polk Early Maturing Staple Cotton

**Polk Early Maturing Long Staple Cotton**—The earliest staple cotton on the market. Our New Polk is also the most productive strain of staple cotton in the world. Planters who bought this seed last spring at fancy prices declare it has paid them handsomely. Cotton mills, farmers and cotton buyers are more than enthusiastic over this cotton, as it brought fine prices and always finds a ready market. Polk Cotton was started from one plant by the originator some years ago, and by careful work he has developed a cotton that is earlier and superior to Columbia, Webber, Keenan, etc. Bolls medium to large, five-locked, easily picked, staple 1 4-16 to 1 5-16, and fibre of excellent quality. On good land it will average a bale to the acre, if season is any way favorable. At the gin it turns out 31 to 32 per cent. We feel sure every one that plants the Polk Cotton will be highly pleased, it being particularly well adapted for most any good land, which has been proven after various most careful tests. Our seed stock is grown in this Shelby County. Price, 1 bu., \$2.25; 10 bu., \$20.00. Ton price on application.

**Express**—This variety is now well established. Our seed is grown in this, Shelby county, Tenn., and is free from boll weevil. Express Cotton is early, productive and makes staple 1 1-8 to 1 3-16 inches, depending on the land. Many large farmers use Express entirely. The Delta Branch Experimental Station tests show Express stands first out of 28 varieties on their trial grounds. Price of home-grown Express Seed, 1 bu., \$2.00; 10 bu., \$17.50. Ton price on application.

**Webber**—Large boll, long staple. Was originated by D. R. Coker. A heavy fruiting variety, making lint 1 1/4 to 1 3/4 inches in length, and maturing very early. We consider Webber one of the very best long staple cotton. Our seed is pure, and grown for us by Mr. James W. Young, one of the most reliable farmers in this county. Mr. Young has a pure and select strain of Webber cotton that will give you perfect satisfaction. Price, bu., \$2.00; 10 bu., \$18.50. Ton price on application.

**Genuine King's Early Improved**—A very early, small balled, small seeded variety, always thirds itself, and matures always two weeks ahead of any other sort. On account of its extreme earliness it is largely planted in the boll weevil infected sections, as it matures the most of its crop before the weevil makes its appearance. Our King Seed is raised in North Carolina, out of any boll weevil district. Price, bu., \$2.00; 10 bu., \$19.00. Ton price on application.



King's Improved Prolific Cotton

**Half and Half**—To those planters who prefer a short staple, and to those who have boll weevil to contend with, or who are threatened with boll weevil, we recommend Half and Half as the most valuable short staple ever developed. It is earlier than King's or Simpkin's, and stands drouth better than the average varieties. Staple very short, about 1 inch, but when taken in consideration the high percentage of lint it turns out, which runs from 44 to 50 per cent, according to the fertility of the land and the season, we feel sure any one will be well reimbursed that plants Half and Half the coming season. Our seed is grown in this, Shelby county, and was obtained two years ago from the originators in Georgia. Price, 1 bu., \$2.50; 10 bu., \$22.50. Ton price on application.

**Wannamaker Cleveland**—Plant vigorous, thrifty, with low, close-jointed basal fruit limbs; large bolls, easily picked; medium sized seed, grayish to greenish; 34 to 38 per cent lint, 1 1-8 to 1 1-4 inches long, fine and strong. Earliest and most prolific at experimental stations. Especially recommended for sections where boll weevil is present. Our seed is grown in South Carolina. Price, bu., \$2.00; 10 bu., \$19.00. Ton price on application.

**Early Triumph Big Boll**—It is the earliest of all big boll varieties. It makes from 36 to 41 per cent of lint (thirty-six to forty-one pounds of lint to 100 pounds of seed cotton). Bolls are usually five lock, very large and solid, therefore making more cotton than other spongy large bolls. Lint of the Triumph Cotton is silky, 1 1-16 to 1 1/2 inches in length. This seed is raised for us in this county. Bu., \$2.00; 10 bu., \$19.00. Ton price on application.

**Columbia Big Boll**—Adapted to all sections; big bolls, does not blow or drop out easily; one of the best varieties. Plant grows large and strong, resists dry weather; will turn out 37 to 40 per cent lint. Matures early. Staple 1 1/4 to 1 3/4 inches. West Tennessee grown seed. Price, bu., \$2.00; 10 bu., \$18.50. Ton price on application.



# Field Seeds, Grass, Clover, Etc.

Prices named in this Department are subject to important market changes. Quotations are net and are not subject to premium or discount which is offered on other seeds. Clover and Grass Seeds are constantly varying in value, and we issue a price list daily during the busy season. Please write for quotations, sending list of requirements, when in need. Orders sent us will be given benefit of lowest prices on day order is received. Will take pleasure in mailing samples and quoting inside prices at any time on large orders. Prices named on Clover, Grass and Farm Seeds are f.o.b. Memphis, excepting where quoted by parcel post. Where seamless cotton bags are used they will be charged for extra, 25c each.

Recleaned, all very best grades, tested for purity and germination, our warehouse is equipped with the most modern machinery for cleaning and no firm in the South can furnish you seed stock as good. Don't be misled by cheap low-priced seed. They are the most expensive thing you can buy.

## Grass Seeds

**Kentucky Blue Grass**—Grows well on any good land, in shaded locality, woods lot or where even partially shaded under trees, etc. Sow in early spring or fall, using 2 to 3 bushels of seed to the acre broadcast. Well adapted for lawns. Pound will sow 20x25 feet. Price, 1 lb., 25c; 5 lb., 90c; 14 lb., 1 bu., \$2.50. By parcel post, 1 lb., 30c; 5 lb., \$1.00; 14 lb., \$2.75.

**Canada Blue Grass**—A little coarser, but more hardy than the Kentucky Blue. Sow 30 lbs. to the acre any time in spring or fall. Price, 1 lb., 25c; 5 lb., 90c; 14 lb., 1 bu., \$2.00. By parcel post, 1 lb., 30c; 5 lb., \$1.00; 14 lb., \$2.30.

**Bermuda Grass**—Valuable as a pasture or hay crop. Fine for lawns. No grass stands dry weather as well. Five to six lbs. will sow an acre. Should be planted in the spring, but can also be sown later. Price, 1 lb., 50c; 5 lb., \$2.25; 20 lb., \$8.00. By parcel post, 1 lb., 60c; 5 lb., \$2.40; 20 lb., \$8.35.

**Barwell's English Lawn Grass**—Produces an elegant green lawn the first season. Sow in February, March and September; 1 lb. will plant 15x15 or 225 square feet. Price, 1 lb., 35c; 5 lb., \$1.50. By parcel post, 1 lb., 40c; 5 lb., \$1.65.

**Emerald Lawn Grass**—Produces a thick velvety lawn; sow 2 to 3 bushels per acre; 1 lb. will sow 15x15 feet. Price, 1 lb., 30c; 5 lb., \$1.25; 20 lb., \$4.50. By parcel post, 1 lb., 35c; 5 lb., \$1.40; 20 lb., \$4.75.

**Shady Spot Lawn Grass**—A mixture suited for shady locations, perfectly evergreen. Price, 1 lb., 35c; 5 lb., \$1.50; 10 lb., \$2.85. By parcel post, 1 lb., 45c; 5 lb., \$1.65; 10 lb., \$3.05.

**English Perennial Rye Grass**—Sown broadcast in the fall, produces fine winter pasture or beautiful green lawn. 30 to 40 lbs. will sow an acre; 1 lb. will sow 15x15 or 225 square feet. Price, 1 lb., 15c; 10 lb., \$1.25. By parcel post, 1 lb., 25c; 10 lb., \$1.45.

**Italian Rye Grass**—Recommended for pasture or lawn mixtures. Sow 40 lbs. to the acre in spring or fall. Price, 1 lb., 15c; 10 lb., \$1.25. By parcel post, 1 lb., 25c; 10 lb., \$1.45.

**Red Top, or Herds Grass**—Does best on moist or wet soil, but grows well on nearly all upland soils. Sow spring or fall, and it is best to use "Fancy Cleaned" Seed, which require 8 to 10 lbs. to the acre, broadcast. Price, 1 lb., 20c; 10 lb., \$1.60; 100 lb., \$15.00. By parcel post, 1 lb., 30c; 10 lb., \$1.80; 20 lb., \$3.50.



Orchard Grass



Red Top or Herds Grass

**Orchard Grass**—Fine for pasturage and hay. Succeeds well on any good soil, even upland. Sow broadcast in early spring or fall months, using 1½ bushels to the acre. Price, 1 lb., 35c; 14 lb., 1 bu., \$3.00; 5 bu., \$14.00. By parcel post, 1 lb., 45c; 14 lb., \$3.30.

**Timothy**—Suitable for any rich bottom or uplands. Sow in March or April, also September and October, using 15 lbs. or 1-3 bushel to the acre. Price, 1 lb., 15c; 15 lb., \$1.50; 45 lb., 1 bu., \$3.50. By parcel post, 1 lb., 25c; 15 lb., \$1.80.

**Meadow Fescue**—An excellent pasture grass. Sow 30 lbs. to the acre in early spring or fall. Price, 1 lb., 25c; 10 lb., \$1.85; bu., 14 lb., \$2.50; 100 lb., \$16.00. By parcel post, 1 lb., 35c; 10 lb., \$2.05; 20 lb., \$3.75.

**Tall Meadow Oat Grass**—Grows 3 to 4 feet high; very desirable for meadow. Sow 30 lbs. per acre, any time in the early spring or fall. Price, 1 lb., 35c; 10 lb., \$2.25; bu., 14 lb., \$3.00; 100 lb., \$20.00. By parcel post, 1 lb., 45c; 10 lb., \$2.40; 20 lb., \$4.50.



Sudan Grass



Italian Rye Grass

**Sudan Grass**—A new forage crop of immense value. Grows tall, seven to eight feet, stems very small and tender, stools wonderfully, makes fine hay and much relished by stock. Yields from two to four tons per acre. Sow in April in drills, using five pounds of seed to the acre having drills three feet apart, and cultivate. If sown broadcast, 20 to 30 pounds of seed will plant an acre. Sudan Grass can be cut two or three times during the season. Price, 1 lb., 75c; 10 lb., \$7.00. By parcel post, 1 lb., 85c; 10 lb., \$7.20. Large amounts quoted on application.

## How is the Weather?

We have for our friends an excellent Weather Thermometer. Every customer ordering seeds or plants to the value of \$2.00 or more will get one of them, when cash order is sent. Our stock of the thermometers is limited, and this offer holds as long as our present supply holds out.

## Fine Gladiolus Bulbs

Named Sorts—True to Color—Large Bulbs.

**America**—Soft lavender, pink, very fine.

**Augusta**—Pure white with blue anthers, tall.

**Brenchleynsis**—Intense scarlet, tall spike, very showy.

**Pink Beauty**—Large flower, dark pink, long spike.

Price any of above—doz., 45c; 50, \$1.25; 100, \$2.25, parcel post paid. By express at buyer's expense—doz., 35c; 50, \$1.10; 100, \$2.00.



# Clover Seed

**Melilotus, or Sweet Clover**—A hardy perennial Clover, growing wild in many sections, particularly the prairie States. Flowers furnish abundant forage for bees. Builds up the soil. Sow 12½ lbs. to the acre in March and April. The white blossom is the best variety. Price: 1 lb., 30c; 12½ lb., \$2.50; bu., 25 lb., \$4.50. By parcel post: 1 lb., 40c; 12½ lb., \$2.75.



Lespedeza or Japan Clover



Red Clover

**Japan Clover (Lespedeza Striata)**—To obtain a stand, disc harrow your land, then scatter seed on top, roll the field; this will cover them enough. Sow in March or April. Seed weighs 25 lbs. per bushel. Sow 20 to 25 lbs. per acre. Grows anywhere; is tenacious in any soil; lasts always; well known in the South. Sow in spring in permanent pasture by scarifying surface with a disc harrow. It may be classed among the most valuable hay and pasture plants of the Southern States. Price, 1 lb., 30c; 20 lb., \$4.80; bu., 25 lbs., \$5.50; 5 bu., \$27.00. By parcel post, 1 lb., 40c; 20 lb., \$5.10.

Inoculate this  
Seed with  
**FARMOGERM.**

**Red Clover**—Enriches the soil and adds materially to the value of succeeding crops. Sow 10 to 15 lbs. to the acre any time during spring or fall. Makes fine hay. Suitable for most all kinds of land. Can be used in combination with most grasses, for either pasture or hay crop. Price, 1 lb., 30c; 10 lb., \$2.40; bu., 60 lb., \$13.50. By parcel post: 1 lb., 40c; 10 lb., \$2.60; 20 lb., \$4.50.

Inoculate this  
Seed with  
**FARMOGERM.**



Crimson or Scarlet Clover



Alsike Clover

**Alsike Clover**—The best variety for low, wet land. Makes good hay and pasture. It is of special value for sowing with timothy. On good bottom land use 8 lbs. to the acre. Sow in March and April. Price: 1 lb., 30c; 8 lb., \$2.00; bu., 60 lb., \$13.50. By parcel post: 1 lb., 40c; 8 lb., \$2.20; 20 lb., \$4.75.

Inoculate this  
Seed with  
**FARMOGERM.**

**White Clover**—Excellent for pasture or lawns. Succeeds on all soils. Sow any time in early spring or fall months. 5 to 6 lbs. per acre. Price 1 lb., 50c; 10 lb., \$4.50; By parcel post: 1 lb., 65c; 10 lb., \$4.60.

Inoculate this  
Seed with  
**FARMOGERM.**

**Mammoth, or Sapling Clover**—Succeeds better on thin land than the medium Red Clover. Grows taller. Makes fine hay and pasture. Sow in March and April, 10 lbs. to the acre. Price: 1 lb., 35c; 10 lb., \$2.50; bu., 60 lb., \$14.00. By parcel post: 1 lb., 45c; 10 lb., \$2.70.

Inoculate this  
Seed with  
**FARMOGERM.**



Alfalfa or Lucerne Clover

**Alfalfa, or Lucerne Clover**—This Clover is being more largely planted in the South every year. When thoroughly established can be cut three or four times a year, yielding heavily each cutting. Soil must be thoroughly prepared by deep plowing and harrowing until it is in fine condition. Sow 20 to 25 lbs. per acre. Spring seedings may be made during March and April, and in the fall during September and October, on any good soil, if properly drained. Price: 1 lb., 25c; 20 lb., \$4.50; bu., 60 lb., \$12.00; sacks 25c extra. By parcel post, 1 lb., 35c; 20 lb., \$4.85.

Inoculate this  
Seed with  
**FARMOGERM.**

**Crimson, or Scarlet Clover**—Sow in July, August or September at rate of 15 lbs. to the acre. Makes fine cover crop, pasture and hay the following spring. Grows on thin soil. Price: 1 lb., 20c; 15 lb., \$2.50; 1 bu., 60 lb., \$9.50. By parcel post: 1 lb., 30c; 15 lb., \$2.85.

Inoculate this  
Seed with  
**FARMOGERM.**

**Spotted Burr Clover**—An annual variety which is sown in August and September. Makes superior pasture, fair hay, and grows on any thin land, and if turned under the following spring acts as a splendid fertilizer. Sow 20 lbs. of burrs to the acre. Price of seed in the burr, 1 lb., 35c; 10 lb., \$2.00. By parcel post, 1 lb., 42c; 10 lb., \$2.25; Price of hulled or cleaned seed, 1 lb., 25c; 5 lb., \$1.00; 10 lb., \$2.00. By parcel post: 1 lb., 32c; 5 lb., \$1.25; 10 lb., \$2.25.

Inoculate this  
Seed with  
**FARMOGERM.**

**Timothy and Alsike Mixed**—Suitable mixture for low wet lands, furnishing good pasture and hay. Sow in early spring and fall, using 15 lbs. of the mixed seed per acre. Price, 1 lb., 25c; 15 lb., \$2.80; 100 lb., \$14.00. By parcel post, 1 lb., 35c; 15 lb., \$3.10.

Bolton, Miss., March 20, 1916.  
R. F. D. No. 2, Box 53

Otto Schwill & Co.,  
Memphis, Tenn.

Gentlemen:

Please note that I ordered last year (1915) your Dollar Collection of seed, and will say that I planted them with best results for a garden in this section. I used vegetables for a family of six, also for five hogs, and then last of all to make a short story interesting, divided vegetables with my neighbors.

Will close by saying that your seed are the very best I ever used. You may print this letter if you wish.

I remain as ever, one of your satisfied customers,

RICHARD M. DAWSON.

\*All quotations on Grass Seed are subject to market changes. Special quotations will be given at any time. State what quantity you wish.



## Millet Seed.

It can be sown any time from the middle of April up to the middle or end of July, and makes a valuable catch crop. Use 1 to 2 bushels, broadcast, to the acre. Seamless grain bags, 20c each extra.

**Tennessee German Millet**—The best variety; grows tall and makes big yield. Price, 1 lb., 10c; pk., 75c; bu. of 50 lb., \$2.50. By parcel post, 1 lb., 20c; pk., 12½ lb., \$1.10.



Tennessee German Millet

Japanese Honey Sorghum



Early Burt or May Oats



Yellow Milo Maize

### "How and When to Plant"

Especially written for our customers; gives full instructions how to sow and plant all kinds of farm and garden seeds. Sent free with all orders. Don't fail to get copy of same.

**Western German Millet**—1 lb., 10c; pk., 70c; bu. of 50 lb., \$2.25. By parcel post, 1 lb., 20c; pk., 12½ lb., \$1.00.

**Hungarian Millet**—1 lb., 10c; pk., 70c; bu., 48 lb., \$2.25. By parcel post, 1 lb., 20c; pk., 12 lb., \$1.00.

**White Wonder Millet**—Matures earlier than any German Millet, with heavy foliage, therefore making a big yield of both hay and grain. Sow 40 to 50 lbs. per acre. Price, 1 lb., 15c; bu., 50 lb., \$4.00; 100 lb., \$6.50. By parcel post, 1 lb., 20c; 10 lb., \$1.20.

**Pearl or Cat-tailed Millet**—Sow in April, 5 lbs., to the acre, in drills. Can be cut three times; fine for dairy cows. Price, 1 lb., 50c; 5 lb., \$2.25; 10 lb., \$4.00. By parcel post, 1 lb., 60c; 5 lb., \$2.40; 10 lb., \$4.25.

## Seed Oats.

Sow two bushels of any following varieties to the acre. Plant February or March. Apply nitrate of soda, 100 lbs. to the acre, early in April. It will increase your crop.

**Early Burt or May Oats**—Very early; good for thin land; the best spring oat. Price per sack, 5 bu., \$4.75. By parcel post, in limit of 2nd zone, 1 bu., \$1.40.

**Texas Red Rust Proof Oats**—Does well on any good land; very productive. Price, per sack, 5 bu., \$4.25. By parcel post, in limit of 1st and 2nd zones, 1 bu., \$1.30.

## Sorghum or Sugar Cane, Etc.

Sow broadcast for hay or roughness 1 bushel or 50 lbs. per acre; for sorghum or grain, ½ peck per acre, any time from April to August.

**Japanese Honey Sorghum**—Big yielder; fine quality; superior to ordinary kind. Price, 1 lb., 25c; ½ pk., 75c; pk., \$1.25; bu., \$4.50. By parcel post, 1 lb., 35c; ½ pk., \$1.00; pk., \$1.60.

**Texas Seeded Ribbon Cane**—Very superior, quality almost equal to the Louisiana cane. Price, 1 lb., 25c; ½ pk., 75c; pk., \$1.25; bu., \$4.50. By parcel post, 1 lb., 35c; ½ pk., \$1.00; pk., \$1.60.

**Early Amber Sorghum**—Price, 1 lb., 10c; ½ pk., 40c; pk., 75c; bu., \$2.50. By parcel post, 1 lb., 20c; ½ pk., 60c; pk., 85c.

**Early Orange Sorghum**—Price, 1 lb., 10c; ½ pk., 40c; pk., 75c; bu., \$2.50. By parcel post, 1 lb., 20c; ½ pk., 60c; pk., 95c.

**Red Top or Sumac Sorghum**—Price, 1 lb., 10c; ½ pk., 50c; pk., 90c; bu., \$2.75. By parcel post, 1 lb., 20c; ½ pk., 70c; pk., \$1.10.

## Miscellaneous Forage Plants.

Sow all of these in April and May, 10 lbs. of seed to the acre, in drill, and one bushel to the acre broadcast, excepting where stated otherwise.

**White Kaffir Corn**—Price, 1 lb., 10c; 10 lb., 75c; bu., 50 lb., \$2.50. By parcel post, 1 lb., 20c; 10 lb., \$1.00.

**Red Kaffir Corn**—Price, 1 lb., 10c; 10 lb., 75c; bu., 50 lb., \$3.00. By parcel post, 1 lb., 20c; 10 lb., \$1.00.

**Yellow Milo Maize**—Price, 1 lb., 15c; 10 lb., \$1.00; bu., 50 lb., \$3.00. By parcel post, 1 lb., 25c; 10 lb., \$1.25.

**Dwarf Straight Neck Milo Maize**—Price, 1 lb., 20c; 10 lb., \$1.50; bu., 50 lb., \$3.50. By parcel post, 1 lb., 30c; 10 lb., \$1.75.

**Feterita**—A non-saccharine Cane. A new forage crop for the South. Similar to Kaffir Corn in general habit, but grows a little taller and produces larger heads, standing erect, white seed and early maturity. Its greatest value, however, is its great ability to resist drought. In the extreme heat and drought in the Western States two years ago when corn burned up completely and all the varieties of Sorghum and Kaffir Corn largely failed, Feterita came through practically without damage, making a splendid crop of both grain and forage. Price, by freight, 1 lb., 15c; 10 lb., 75c; 50 lb., \$3.00. By parcel post, 1 lb., 20c; 10 lb., 95c.

## Lime for Alfalfa.

Try this if you want your Alfalfa to live—One thousand pounds of lime, four hundred pounds of phosphoric acid; mix and harrow in the soil any time during the spring. Inoculate your seed with Farmogerm Bacteria, using twenty pounds of seed to an acre. Remember, liming your soil is the essential part. We can supply Pure Ground Lime Rock at \$6.00 per ton, sacked f.o.b. Memphis. In car lots, 50 tons, bulk, at \$2.00 per ton.



## Velvet Bean.

This new bean is becoming very popular in the South. It is very prolific, vines running over 12 feet long; both vines and pods are eaten by all kinds of stock. An excellent fertilizing plant for plowing under. Should be planted in rows about 4 feet apart and 1 foot apart in the row, putting 2 or 3 beans in each place. Use 1 peck to the acre, plant in May and June.

Inoculate this  
Seed with  
**FARMOGERM.**

**Early Bird Speckled**—Very early, matures in 100 days. Price, by freight, 1 qt., 20c; 4 qts., 60c; pk., 90c; bu., 60 lb., \$2.50. By parcel post, 1 qt., 30c; 4 qts., 80c; pk., \$1.30.

**Chinese**—One of the most desirable, easily grown, matures medium early. Price by freight, 1 qt., 25c; 4 qts., 65c; pk., \$1.30; bu., 60 lb., \$3.50. By parcel post, 1 qt., 35c; 4 qts., 85c; pk., \$1.40.



Mammoth Yellow Soy Beans



Early Bird Speckled Velvet Beans

**Mammoth Yellow Soy Beans**—Makes good hay, also pasture; valuable soil renovator. Sow in May, June and July.  $\frac{1}{2}$  bushel to the acre, in drills; if broadcast, use one bushel to the acre. By freight, not prepaid, qt., 20c;  $\frac{1}{2}$  pk., 50c; pk., \$1.00; bu., \$3.50. By parcel post, qt., 30c;  $\frac{1}{2}$  pk., 75c; pk., \$1.40.

Inoculate this  
Seed with  
**FARMOGERM.**

**Yokohama Velvet Beans**—Makes more vigorous growth than any cow peas. Best crop for new cleared ground and on soils that need mellowing. An early maturing variety. Makes seed in four months. Price, by freight, qt., 35c; 4 qts., 75c; pk., \$1.25; bu., 60 lb., \$4.00. By parcel post, qt., 45c; 4 qts., 95c; pk., \$1.65.

## Cow Peas.

Equal to clover as a soil fertilizer. Green crops plowed under are one of the cheapest methods of enriching the soil. Cow Peas are invaluable for this purpose, as well as providing a large amount of hay. They should be sown in May or June at the rate of 2 bushels to the acre.

Inoculate this  
Seed with  
**FARMOGERM.**

We can supply in season any of the following varieties:

**Whippoorwill or Speckled**—The earliest bunch variety.

**Braham**—Extra early bushy habit.

**Clay**—Vine variety, fine for hay.

**Black**—Makes most vine; good for poor land.

Price, uniform, as follows—1 qt., 20c; pk., \$1.00; bu., \$3.50, subject to market changes. By parcel post, qt., 35c; pk., \$1.50.

Market prices on Cow Peas change often. Write for prices on large quantities when ready to buy.

## White Table Peas.

**California Large White Blackeyed**—Price, qt., 25c; 4 qts., 75c; pk., \$1.50; bu., \$5.50. By parcel post, qt., 35c; 4 qts., \$1.00; pk., \$2.15.

**White Brown Eyed**—Price, qt., 25c; 4 qts., 60c; pk., \$1.00; bu., \$3.00. By parcel post, qt., 35c; 4 qts., 85c; pk., \$1.40.

**White Lady Peas**—Price, qt., 25c; 4 qts., 75c; pk., \$1.25; bu., \$5.00. By parcel post, qt., 40c; 4 qts., \$1.00; pk., \$1.65.

## White Tepary Beans.

Price, qt., 50c; 4 qts., \$1.75; pk., \$3.00. By parcel post, qt., 60c; 4 qts., \$1.00; pk., \$3.40.

## Peanuts.

Plant in May and June, in 3 foot rows, dropping seed 12 inches apart;  $1\frac{1}{2}$  bushels of unhulled nuts will plant one acre. Merely break hulls in half, they do not need to be shelled before planting.

Inoculate this  
Seed with  
**FARMOGERM.**

**Mammoth White Virginia**—Large size pods; best variety for commercial use. Price, 1 lb., 20c; 10 lb., \$1.50; bu., 22 lb., \$2.25. By parcel post, 1 lb., 30c; 10 lb., \$1.80; 20 lb., \$2.50.



Spanish Peanuts



Mammoth Bush Peanuts

**Spanish Peanuts**—Nuts small, white skin, very productive, fine for hogs. Price, 1 lb., 15c; 10 lb., \$1.00; bu., 22 lb., \$1.75. By parcel post, 1 lb., 20c; 10 lb., \$1.25; 20 lb., \$2.00.

**Mammoth Bush Peanuts**—Extra large jumbo pods and nuts; one dozen nuts will produce a bushel; quite a novel variety. Price, 1 lb., 50c; 3 lb., \$1.25; 5 lb., \$2.00. By parcel post, 1 Pkt., 15c;  $\frac{1}{4}$  lb., 30c; 1 lb., 60c; 3 lb., \$1.45.

**Valencia Peanuts**—Also known as the Red Spanish. It is a trifle longer and larger than the White Spanish, similar otherwise. Skin dark red, and on account of having 3 and 4 to the pod, and being prolific, is highly prized. Price, 1 lb., 20c; 10 lb., \$1.25; 1 bu., 22 lb., \$2.50. By parcel post, 1 lb., 30c; 10 lb., \$1.50; 20 lb., \$2.40.



Tennessee Long Red Peanuts

**Tennessee Mammoth Long Red**—Easily cultivated; erect, bushy habit; productive. Price, 1 lb., 20c; 10 lb., \$1.50; bu., 22 lb., \$2.25. By parcel post, 1 lb., 30c; 10 lb., \$1.80; 20 lb., \$2.70.

## Schwill's Banner Collection.

Twelve packets of best garden seed for only 25c; postage paid. One packet each, our selection, of the following varieties—

Beet.	Lettuce.	Squash.
Cabbage.	Mustard.	Tomato.
Collard.	Radish.	Turnip.
Cucumber.	Parsley.	Cantaloupe.

No change will be allowed in this assortment. Our selection only. Parcel post paid.



**Teosinte**—A valuable continuous cutting forage plant for Southern States. Sow in May or June in drills  $2\frac{1}{2}$  to 4 feet; 2 to 3 lbs., per acre. Price, 1 lb., 75c; 5 lb., \$3.50. By parcel post,  $\frac{1}{4}$  lb., 35c; 1 lb., 85c; 5 lb., \$3.70.

**Chufas**—Used to fatten hogs. Plant in April and May in rows 3 feet apart, and 8 to 10 inches apart in the row. Soak seed in warm water before planting; 1 peck is sufficient for one acre. Price 1 lb., 20c; pk., \$1.25; bu., 44 lb., \$4.50. By parcel post, 1 lb., 30c; pk., 11 lb., \$1.60.

**Silver Hull Buckwheat**—Splendid for bees, also makes best grain. Sow in June, 1 bushel, broadcast, to the acre. Price, 1 lb., 10c; pk., 75c; bu., 50 lb., \$2.75. By parcel post, 1 lb., 20c; pk., \$1.15.



**Japanese Buckwheat**—Sow in April, May and June, 1 bushel broadcast, to the acre. Price, 1 lb., 10c; pk., 75c; bu., 50 lb., \$2.75. By parcel post, 1 lb., 20c; pk., \$1.15.

**Upland Rice**—Sow in March and April, 1 peck to the acre. Price, 1 lb., 15c; pk., \$1.25; bu., 44 lb., \$4.00. By parcel post, 1 lb., 25c; pk., \$1.60.

**Beardless Barley**—Sow for hay or grain in February and March, 1 bushel to the acre. Price, 1 lb., 10c; pk., 75c; bu., 48 lb., \$2.50. By parcel post, 1 lb., 20c; pk., \$1.15.

**Canada Field Peas**—Sown with oats in February and March, will make early hay crop. Use 1 bushel of the peas and  $1\frac{1}{2}$  bushel of oats for an acre. Price, 1 lb., 10c; pk., \$1.25; bu., 60 lb., \$4.50. By parcel post, 1 lb., 20c; pk., \$1.75.

**Castor Beans**—Plant like corn in March and April; use  $\frac{1}{2}$  peck of seed to the acre, in rows 4 feet apart; thin plants to 24 inches. Price, 1 lb., 25c;  $\frac{1}{2}$  pk., 50c; pk., 75c; bu., \$2.50. By parcel post, 1 lb., 35c;  $\frac{1}{2}$  pk., 75c; pk., \$1.25.

**Kidney Beans**—Easily grown. Plant and cultivate same as the Navy Beans. Sow them late in June to avoid bean weevil. Price, qt., 50c; 4 qts., \$1.50; pk., \$2.50; bu., 60 lb., \$9.00. By parcel post, qt., 60c; 4 qts., \$1.75.



Jerusalem Artichokes

**Artichoke, Jerusalem**—Excellent for fattening hogs. Plant in rows 4 feet wide, any time in March and April, dropping the tubes 18 inches apart in the row; immensely productive; 3 bushels will plant an acre. Price, 1 lb., 15c; pk., 75c; bu., 50 lb., \$2.50; 3 bu., \$6.50. By parcel post, 1 lb., 25c; pk., \$1.10.

**White Marrow Beans**—Plant in June or July usually make a very profitable crop to grow as shelled white beans for market. Planted in rows three feet apart, dropping two or three together a foot apart in the rows. Cultivate early, as they grow rapidly, but do not work them while the dew is on the foliage. Do not cultivate after they begin to blossom. Price, qt., 50c; 4 qts., \$1.50; pk., \$2.50; bu., \$9.00. By parcel post, qt., 60c; 4 qts., \$1.75.

Inoculate this  
Seed with  
**FARMOGERM.**



Chufas



Speltz or Emmer

**Speltz or Emmer**—Sow in February, 1 bushel to the acre, broadcast. Price, 1 lb., 10c; pk., 60c; bu., 40 lb., \$2.25. By parcel post, 1 lb., 20c; pk., 10 lb., \$1.00.

**Russian Sunflower**—Plant in March, April and May, 6 lbs., of seed to the acre, making rows  $3\frac{1}{2}$  feet apart, dropping two seeds every 18 inches; cultivate like corn. Price, 1 lb., 15c; 6 lb., 60c; 50 lb., \$4.50. By parcel post, 1 lb., 30c; 6 lb., 85c; 20 lb., \$2.25.

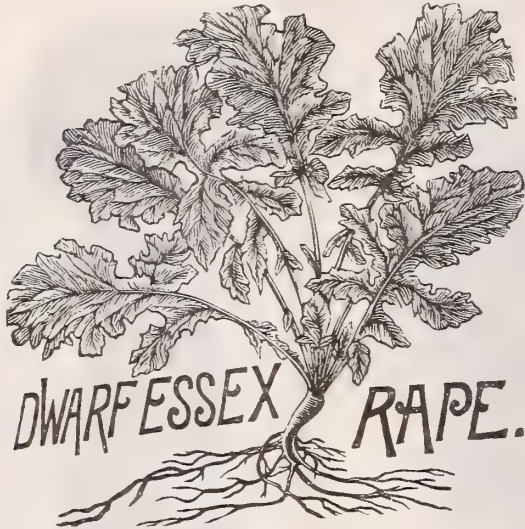
## Farm and Garden Books.

These books are both useful and helpful to amateurs as well as gardeners. Most of them are fully illustrated. Profit by the experience of others. Sent by parcel post on receipt of price.

Alfalfa—Its Growth, Uses, Etc.—F. D. Coburn.....	\$ .50
Asparagus Culture .....	.50
Broom Corn and Brooms .....	.50
Barn Plans and Outbuildings .....	1.00
Celery Culture .....	.50
Clovers and How to Grow Them—Shaw .....	1.00
Farm Drainage—French .....	1.00
Feeding Farm Animals .....	2.00
Fertilizers, Rural Science Series .....	1.50
Farm Crops—Burkett .....	1.50
Insects and Insecticides—C. M. Weed .....	1.50
Mushroom Culture .....	.35
Peach Culture—Hon. J. Alexander Fulton.....	1.50
Play and Profit in My Garden—E. P. Roe.....	1.50
Potato Growing—By E. A. Rodgers.....	.50
Practical Floriculture—Henderson .....	1.50
Productive Orchard—Sears .....	1.50
Productive Vegetable Growing—Lloyd .....	1.50
Soiling Crop and Silos—Shaw.....	1.50
Soils and Crops—T. F. Hunt.....	1.50
Spraying of Plants—Ledman .....	.50
Study of Corn—Shoesmith.....	.50
Successful Fruit Culture—Maynard.....	1.00
The Book of Corn.....	1.50
The Peanut Plant—Its Cultivation and Uses.....	.50
The Principals of Fruit Growing—L. H. Bailey.....	2.00
Truck Farming at the South—A. Oemler.....	1.50
Tomato Culture—J. W. Day.....	.35
The Young Farmer—Some Things He Should Know—Hunt.....	1.50
The A. B. C. of Corn Culture.....	.50



**Dwarf Essex Rape**—This is an ideal sheep feed, easily grown; perfectly hardy and possesses remarkable fattening properties. Any corn soil will grow Rape. Sow the seed any time in March and by the end of June, and the crop can be ready to feed at a season when it is most needed. It does well sown with oats. After oats are cut the Rape grows rapidly. If the soil is rich and clean, sow broadcast; if not so clean, sow in drills and cultivate as for corn. When sown broadcast use 6 lbs., and if in drills 2 lbs. to the acre. Price, 1 lb., 15c; 10 lb., \$1.25; 50 lb., \$5.00. By parcel post, 1 lb., 25c; 10 lb., \$1.60; 20 lb., \$2.90.



**Spring Vetch**—Sown with oats makes fine crop. Use 1 peck Vetch and 1 bushel Oats to an acre; plant in February and March. Price, 1 lb., 15c; pk., \$1.25; bu., 50 lb., \$5.00. By parcel post, 1 lb., 25c; pk., \$1.60.

**Sand or Hairy Vetch**—Usually sown in the fall with oats or rye, 1 peck to the acre. Price, 1 lb., 25c; pk., \$2.75; bu., 50 lb., \$10.00. By parcel post, 1 lb., 35c; pk., \$3.10.

**Broom Corn, Missouri Evergreen**—Sow in March and April, ½ peck in drills, will plant one acre. Price, 1 lb., 10c; ½ pk., 50c; pk., 75c; bu., \$2.75. By parcel post, 1 lb., 20c; ½ pk., 70c; pk., \$1.10.

**Permanent Pasture Grass Mixture**—Furnishes pasture all the season from early spring through the winter. Suitable for most all soils. Sow in early spring or fall, using 1½ bushels to the acre. Price, 1 lb., 20c; 14 lb., 1 bu., \$2.50; 5 bu., \$11.50. By parcel post, 1 lb., 30c; 14 lb., \$2.90.

**Broom Corn, Oklahoma Dwarf**—Sow in March and April, ½ peck, in drills, will plant an acre. Price, 1 lb., 10c; ½ pk., 60c; pk., \$1.00; bu., \$3.00. By parcel post, 1 lb., 20c; ½ pk., 80c; pk., \$1.35.

**Permanent Meadow Grass Mixture**—A special mixture for a lasting hay crop. A combination of all the best cultivated grasses that will furnish hay all during the spring and summer months. Sow in spring or fall, using 1½ bushels to the acre. Price 1 lb., 20c; 14 lb., 1 bu., \$2.50; 5 bu., \$11.50. By parcel post, 1 lb., 30c; 14 lb., \$2.90.

**Permanent Hog Pasture Mixture**—A combination of mixed clover and best grass suitable for hog pasturage, and if taken care of will last a number of years. Composed largely of red clover and orchard grass. Sow in early spring or fall, at rate of 1 bushel to the acre. Price, 1 lb., 20c; 14 lb., 1 bu., \$2.75; 5 bu., \$12.75. By parcel post, 1 lb., 30c; 14 lb., \$3.15.

**Chicken Pasture Mixture**—A splendid mixture of grains, clover and grasses for green feed for chicken runs. Sow in February, March and September at the rate of 30 lbs., to the acre. Price, 1 lb., 15c; 10 lb., \$1.25; 30 lb., \$3.00. By parcel post, 1 lb., 25c; 10 lb., \$1.50; 20 lb., \$2.50.

### Hybridized Potato Seed.

From the Seed-Balls-Headquarters Stock.

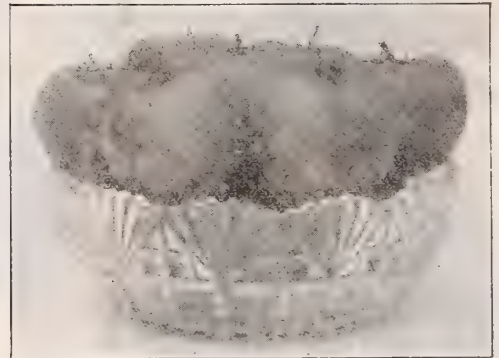


Photo of Potato Seed Balls—One-half Natural Size

It is from these that ALL valuable New Varieties of Potatoes are produced.

Growing new and distinct Seedling Potatoes from the Seed-Ball Seed is intensely interesting. They will be the greatest curiosity of your garden. This seed will positively produce innumerable new kinds, colors, shapes, sizes, and quantities. The product will astonish you. Some may be of immense value and bring you a golden harvest. Every farmer, gardener, and bright boy should plant a few packets. You may be one of the lucky ones. Full directions on every packet. Price, Pkt., 15c; 2 for 25c; 5 for 50c; 10 for \$1.00.

### Farmers' Bulletins Free.

We give you below numbers of Bulletins on special crops and subjects. Write to Secretary of Agriculture, Washington, D. C., for any of the following Bulletins. You will get lots of good advice on the various subjects free for the asking.

No.

- 204—The Cultivation of Mushrooms.
- 232—Okra, Its Culture and Uses.
- 254—Cucumbers.
- 289—Beans.
- 501—Cotton Improvement Under Weevil Conditions.
- 601—A New Method of Cotton Culture.
- 625—Cotton Wilt and Root Knot.
- 555—Cotton Anthranose and How to Control It.
- 318—Cow Peas.
- 324—Sweet Potatoes.
- 548—Storing and Marketing Sweet Potatoes.
- 339—Alfalfa.
- 354—Onion Culture.
- 372—Soy Beans.
- 415—Seed Corn.
- 424—Oats—Growing the Crop.
- 431—The Peanut.
- 434—The Home Production of Onion Seed and Sets.
- 440—Spraying Peaches for the Control of Insects, Etc.
- 455—Red Clover.
- 466—Winter Emmer or Speltz.
- 482—The Pear and How to Grow It.
- 485—Sweet Clover.
- 515—Vetches.
- 518—Winter Barley.
- 533—Good Seed Potatoes and How to Produce Them.
- 550—Crimson Clover—Growing the Crop.
- 552—Kaffir as a Grain Crop.
- 554—Pop Corn for the Market.
- 568—Sugar Beet Growing Under Humid Conditions.
- 605—Sudan Grass.
- 632—Growing Peaches, Varieties, Etc.
- 642—Tomato Growing in the South.
- 643—Blackberry Culture.
- 668—The Squash Vine Borer.

No.

- 690—The Field Pea.
- 693—Bur Clover.
- 700—Pecan Culture.
- 195—Annual Flowering Plants.
- 192—Barnyard Manure.
- 246—Saccharine Sorghums for Forage.
- 255—The Home Vegetable Garden.
- 279—A Method of Eradicating Johnson Grass.
- 287—Poultry Management.
- 355—A Successful Poultry and Dairy Farm.
- 359—Canning Vegetables in the Home.
- 379—Hog Cholera.
- 411—Feeding Hogs in the South.
- 436—Winter Oats for the South.
- 442—The Treatment of Bee Diseases.
- 464—The Eradication of Quack Grass.
- 477—Sorghum Syrup Manufacture.
- 507—The Smuts of Wheat, Oats, Barley and Corn.
- 574—Poultry House Construction.
- 610—Wild Onion—Methods of Eradication.
- 639—Eradication of Cattle Tick on Dairy Farms.
- 650—The San Jose Scale and Its Control.
- 653—Honey and Its Uses in the Home.
- 660—Weeds and How to Control Them.
- 684—Squab Raising.
- 181—Pruning.
- 512—The Boll Weevil Problem.
- 609—Bird Houses and How to Build Them.
- 447—Bees.
- 509—Forage Crops for the Cotton Region.
- 697—Duck Raising.

Remember we do not supply these Bulletins. You must write to the Secretary of Agriculture, Washington, D. C. He furnishes them free on application.



# High Grade Fertilizers

The prices given below are net cash and F. O. B. Memphis. Special prices on car lots and larger quantities delivered at your depot will be given on application.

**Best Results From the Soil**—If you want to obtain the best results from the soil, we are compelled, by sheer necessity, to use commercial fertilizers, and you cannot help yourself. It serves no good purposes to use plenty of nitrogen and fall short on phosphoric acid and potash; to use phosphoric acid and fall short on nitrogen and potash; or to use potash and fall short in phosphoric acid and nitrogen, because neither two of the three will compensate for the absent one, no matter how great the quantity. There is only one way to do; that is to use a complete fertilizer in which these elements are embodied, and each will perform its particular function.



Plants Treated and Untreated with "Bonora"  
The one on the left shows the results of using this excellent plant food.

## Raw Chemical Material.

**Ground Limestone**—Use ground limestone on your alfalfa, red clover and grasses and you will get results. Sow broadcast, then plow or disc harrow in 2,000 to 4,000 pounds of it on an acre of land about 2 weeks before sowing seed. Price, 100 lb., 75c; per ton, \$6.00. Sacked f.o.b. Memphis. In Car lots, about 40 tons, price bulk, \$2.00 per ton, f. o. b. Memphis.

**Land Plaster or Gypsum**—Is largely used as a fertilizer for clover, corn and other crops. Excellent to mix with paris green at the rate of 100 lbs., of plaster to 1 lb. of paris green to kill bugs, worms, etc. Price, 50 lb., 75c; 100 lb., \$1.00; 200 lb., sack, \$1.25; per ton, \$11.00.

**Nitrate of Soda**—This is the most soluble and quickly available form of Nitrogen or "Ammonia." It is of great benefit in forcing a strong, luxuriant growth in plants. It is especially valuable for cabbage, cauliflower, beets, carrots, onions, potatoes and similar crops, as well as for grass, grain, fruits and flowers. Use 100 lbs., to an acre. Price, 3 lb., 25c; 25 lb., \$1.50; 100 lb., \$5.50; per ton, \$90.00.

**Pure Bone Meal**—Invaluable for top dressing lawns. Nothing is better for fertilizing young fruit trees, grape vines, roses, etc. Price, 1 lb., 10c; 4 lb., 25c; 25 lb., \$1.00; 50 lb., \$1.50; 100 lb., \$2.75.

**Wizard Brand Sheep Manure**—Nature's own fertilizer, absolutely pure and best to use on lawns and flowers. Price, 1 lb., 10c; 5 lb., 30c; 25 lb., \$1.00; 100 lb., \$2.00. By express only.

**Peat or Humus Muck**—Is a very rich dark soil, originating principally from decayed vegetation, and is found in swampy locations. A fine substitute for barnyard manure, being rich and of high quality of humus. Price, 25 lb., 50c; 100 lb. sack, \$1.00; ton, 2,000 lb., \$15.00.

**Hydrated or Agricultural Lime**—This is a fine powdered lime, having all the properties of the lump or unslacked lime. Treated by special process, it retains all the properties of the regular burnt lime. It is very strong and will burn if applied too freely. Excellent to use in your garden. Acts quickly and surely. Price, 40 lb. sack, 60c; per ton, sacked in burlap, \$16.00.

**Screened Charcoal**—For fertilizing purposes, especially valuable on lawns and truck gardens. Charcoal separates the soil. Charcoal retains moisture. Charcoal prevents fungus. Charcoal imparts warmth. It is excellent to mix with barnyard manure, etc. It is inexpensive and will repay you ten fold with its use. Price, per 50 lb. bag, 70c; per ton, \$10.00.

## Schwill's Special Brands of Fertilizers.

**Schwill's Truck Grower**—Made especially for vegetables and garden crops. Analysis—8 per cent. phosphoric acid, 4 per cent. potash, 3 per cent. nitrogen. 4 lb., 25c; 25 lb., \$1.00; 100 lb. bag, \$3.00; ton, \$50.00.

**Schwill's Cotton Grower**—Especially recommended for cotton, which needs plenty of potash. Analysis: 10 per cent. phosphoric acid, 2 per cent. potash, 1 per cent. nitrogen. Price, 100 lb., \$2.00; ton, \$33.00.

**Schwill's Acid Phosphate**—Splendid for making compost or mixtures. 16 per cent. analysis. Price, 100 lb., \$1.50; ton, \$24.00.

**Schwill's Corn Grower**—Prepared to give increased yield on corn crop. Analysis: 12 per cent. phosphoric acid, 1 per cent. potash, 1 per cent. nitrogen. Price, 100 lb., \$2.00; ton, \$32.00.

**Schwill's Lawn Fertilizer**—A very rich, pure, natural manure, especially prepared for lawns. Price 10 lb., 50c; 100 lb., \$3.00.

## Nitro-Fertile.

**Nitro-Fertile**—An odorless liquid fertilizer for house plants, flowers, lawns, vegetable garden, shrubbery, and fruit trees, containing all the necessary food for plant life in correct proportions. Being in liquid form it is easily applied throughout the plant life with unusual and prompt results. Improves the growth, bloom and foliage. Nitro-Fertile is put up in glass containers, and sold at the following prices: Directions on every package.

Pints .....	\$ .40	Half-Gallons .....	\$1.10
Quarts .....	.60	Gallons .....	2.00

One gallon of Nitro-Fertile makes 120 to 240 gallons of commercial fertilizer.

**"Bonora," Nature's Plant Food**—The recognized fertilizer of modern times. Fine for all pot plants, palms, etc. Price, Trial size, 20c; by parcel post, 25c; 12 oz. can, 40c; parcel post, 45c.

**Walker's Excelsior Plant Food**—Produces rich, green growth and profusion of flowers. Price, Small can, 10c; parcel post, 15c; Large can, 20c; parcel post, 30c.



## Makes Flowers Flourish.

Flowers are like people. Their health depends upon their food. It must be *nourishing*, but not too rich to force growth and cause reaction. The one chemically correct flower food for house plants is

## Walker's Excelsior Brand.

It has no odor whatever, and can be used dry or dissolved in water for sprinkling. Use it and your flowers will flourish and their health will last.

Small size (feeds 25 plants 6 months), 25c; large size (enough for a year), 50c. Sent prepaid anywhere. With each package we send FREE the book, "How to Make the Window Garden a Success."

**Sterlingworth Plant Tablets**—A new odorless invigorator for house plants; increases growth of plant and doubles the bloom. Price, two sizes, 10c and 25c per box; by parcel post, 15c and 30c.

**Sterlingworth Lawn Compound**—5 lb., 35c; 10 lb., 75c. By parcel post, 5 lb., 50c; 10 lb., \$1.00.



**Daisy Fertilizer Distributor**—Is a strong, accurate and trustworthy tool, handsomely finished and the material and workmanship throughout is the very best. The hopper has tongue and grooved joints, securely held together by cement nails and two bolts; is well braced to the stock. The gauge is positive and is easy to set so as to distribute any amount to the acre. Price, \$5.50 each; 3 for \$15.00.

**How to Use Fertilizers**—Get a copy of our red book; it will tell you how much to use and how to apply them; it's free with all orders.



The  
Standard  
Inoculation

# FARMOGERM

High-Bred  
Nitrogen-  
Gathering  
Bacteria

Alfalfa, Clovers, Soja Beans, Cow Peas, Lespedeza, Velvet Beans, Peanuts, Vetch, Garden Beans, English Peas, and all other pod-growing plants called legumes, enrich the soil through the action of small bacteria growing upon their roots. These bacteria live only upon the roots of legumes, and by an action of their bodies extract the free nitrogen of the air, and deposit it around themselves as nitrates, thus forming little sacks or nodules on the roots of the growing plants. These sacks furnish the growing plant with all the nitrates it requires, and still leaves large amounts unused in the soil, ready for future crops or other crops growing at the same time with the legumes.

The method of transfer of soil for inoculation is both costly and dangerous; weed seed, soil and plant diseases are transferred in this way. All inoculations should be done by means of the pure cultures of nitrogen-gathering bacteria, which are free from contamination and contain only active bacteria of the proper kind.

**To Increase Crops and Enrich Soils**—In ordering be sure to state what kind of bacteria you want—each crop takes a distinct kind. You should grow legumes whenever possible. Clover, Vetch, Alfalfa, Cow Peas, Soy Beans, etc., will greatly benefit all soils if they are inoculated at time of planting. The Department of Agriculture calls attention to this most important method of soil improvement, and last year a large number of our customers benefited by planting all available land, with the result that their farms are better and their crops larger. Plant some of the legumes with your corn, cotton or cane—it will pay you many times over. If you have a worn-out field get some good fodder from it and get it ready for next year by planting it to a legume that has been inoculated with

## Trade FARMOGERM Mark



Nitrogen sacks on roots of Soy Beans equal to \$25 worth of high grade fertilizer. All it cost was \$1.50 per acre.

**Seed and Soil Inoculation Highly Endorsed by Farmers and Experiment Stations Everywhere**—Send for Further Information Now.—This preparation has been on the market for a long time and we recommend it to our customers as being perfectly reliable and highly profitable to use. It comes in bottles ready for use. Commence this year to build up your farm and your crops. The use of Farmogerm inoculation will do it at a fraction of the cost of any other way. Each crop takes a different bacteria—always state what you want to inoculate.

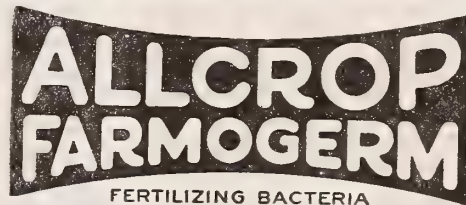
**Farmogerm** is a pure culture or growth of nitrogen-fixing bacteria that have been selected and bred up to transform large amounts of nitrogen from the air into soluble nitrates. These bacteria are grown in a jelly, or food, in which they remain active for long periods of time, and are sent out in a bottle which admits the necessary supply of pure air, yet keeps out destructive contamination. If Alfalfa can be grown on hot, sandy land of South New Jersey, why can't you grow it?



Alfalfa Treated

Alfalfa Not Treated

		By Par. Post
Regular or Farm Size .....	5-acre, \$5.00;	\$5.20
Farm Trial Size .....	1-acre, 1.50;	1.65
Garden Size .....	1/4-acre, .50;	.55
Half Garden Size, for Sweet Peas, Garden Beans, and English Peas .....	.25;	.30



A new combination of seed and soil bacteria, of thirty-seven different strains, for the benefit of all crops, field crops, fruit, garden crops, vegetables, flowers.

### ALL-CROP FARMOGERM will aid you to

- First—Increase the yield of any crop and enrich the soil.
- Second—Enrich the soil and crop in nitrogen.
- Third—Improve the quality of the crop.
- Fourth—Aid in the decomposition of the soil particles, thus freeing the natural plant food of the soil.
- Fifth—Hasten the decay of organic matter in the soil, and make plant food more quickly available.
- Sixth—Save money on all your fertilizer bills.

### Testimonial.

Columbia, S. C., August 17, 1916.

One of my customers used All-Crop Farmogerm on a measured acre of cotton. They told me that the cotton it had been used on was far and away better than the remaining cotton in the field.

W. W. Ball, Editor of The State used All-Crop on cow peas. He has a forest of cow peas.

If All-Crop Farmogerm will make more cotton, you will be able to sell twenty times as much of it as you have of Farmogerm.

Signed, EDMUND FELDER.

### PRICES

1-Acre Size Can .....	\$1.00
5-Acre Size Can .....	5.00



# Spray Pumps and Atomizers

If You Have Not Had Successful Fruit Crops, Try Spraying.

## Hand Sprayers.

These are very useful in the poultry house for applying liquids, also fine for spraying the small plants, roses, shrubs, small trees, etc. Our line is the most complete in the city.



Auto No. 37 Continuous Sprayer

The Auto No. 37 Continuous Sprayer—Throws a continuous fine misty stream, easy and simple to operate, a new style sprayer and one of the best.

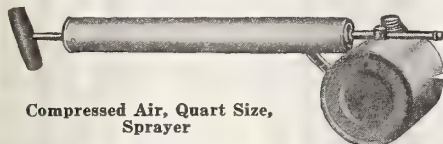
Tin Tank, qt. size .....\$ .50; by parcel post, \$ .95  
Galvanized Tank, qt. size ..... .90; by parcel post, 1.10  
Brass Tank, qt. size ..... 1.25; by parcel post, 1.45



Faultless Hand Atomizer

Faultless Hand Atomizer—Capacity, 1 quart. One of the best sprayers made. Throws a spray as fine as mist, rendering the use of strong solutions safe on tender foliage plants, or in poultry houses. Each, 50c; by parcel post, 70c.

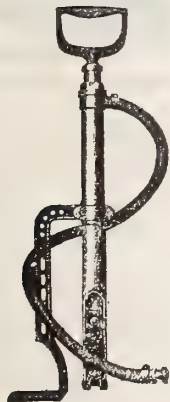
Schwill's Midget Sprayer—Small size sprayer for ladies' use. Splendid for house use or in the garden; holds 1 pint. Price, 35c. By parcel post, 50c.



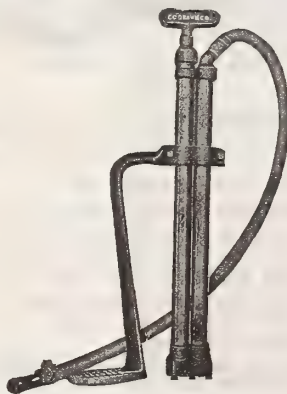
Compressed Air, Quart Size, Sprayer

Compressed Air Sprayer—Makes a continuous spray; easier to operate and much superior to the ordinary kinds of sprayers. 1 qt. tin, 75c. By parcel post, 95c.

Rapid Double Tube Sprayer—Throws a wide double V-shaped spray; strong galvanized tank, double seamed; well braced; holds one quart. Price, 75c. By parcel post, 95c.



Modoc Bucket Pump

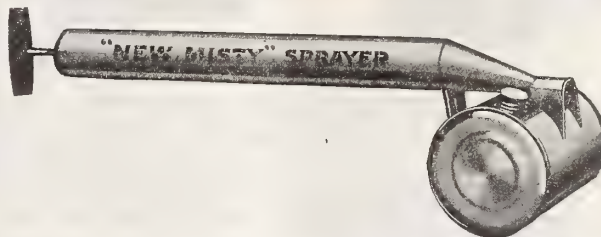


Auto No. 2 Bucket Spray Pump

"Modoc" Bucket Pump—This pump is used for a bucket spray and force pump, as well as for whitewashing. It will throw a stream 35 feet high. All solid brass, double action, bronze ball valves. Will white-wash and spray with same nozzle by simply turning the disc. Equipped with 5-ply pressure hose. Price, \$3.50. By parcel post, \$3.75.

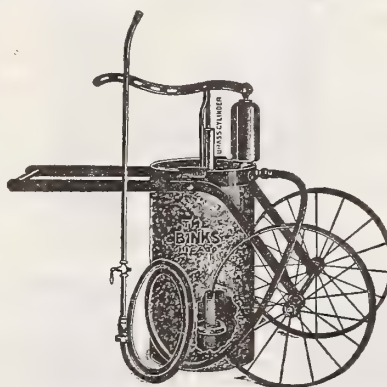
Auto No. 2 Bucket Spray Pump—For the garden or small orchard, this pump is well indispensable. Working parts and cylinder are of brass. Supplied with hose, nozzle and foot-rest. Price, \$3.25. By parcel post, \$3.60.

Myer's No. 324 Bucket Pump—This is a perfect double-acting pump, easy to operate. Complete with hose and graduating vermored nozzle. Price, \$5.00. By parcel post, \$5.45. Eight foot extension pipe, \$1.00 extra, f.o.b. Memphis.



Misty Jr. Sprayer—Has large, powerful pump; lock-seamed can; made of heavy tin; will do good work. 1 qt. size, 50c. By parcel post, 70c.

Crescent Glass Tank Sprayer—Any Mason quart jar fits this pump. Six seven or more different kinds of insecticide can be used with this same sprayer, by simply changing the glass jars. Price, 75c. By parcel post, \$1.00.



The Binks No. 21 Whitewash and Spray Machine



Myer's No. 324 Bucket Pump

The Binks No. 21 Whitewash and Spraying Machine—A small portable hand-power sprayer, easily moved, having two large wheels, well balanced, strong in construction; will spray whitewash in a thorough manner without clogging; can also be used for all tree spraying. Tank holds 12 gallons, equipped with patent agitator and wont clog. Price, with 10 feet  $\frac{1}{2}$ -inch hose and couplings, spray pipe, complete with  $\frac{1}{4}$ -inch cock and nozzle, \$16.00.

Myer's Knapsack Sprayer—The best knapsack sprayer. Price, with galvanized iron tank, \$8.00. By parcel post, \$8.50. With copper tank, \$12.00. By parcel post, \$13.00.

Myer's Fountain Sprayer—This is the cheapest knapsack in the market; very durable and will pay for itself in a short time. Price, complete, \$4.50. By parcel post, \$5.00.

The "Easy" Compressed Air Sprayer—Has a large and strong pump, automatic shut-off nozzle. Can be used for whitewashing, disinfecting, and cleaning chicken houses, and is very desirable for large gardens, etc. Holds 1 gallon. Galvanized tank, each, \$2.75. By parcel post, \$3.15.



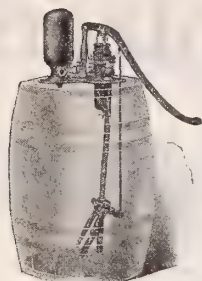
Brandt's Ideal Sprayer



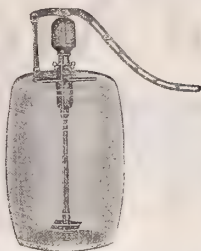
Vermorel Spray Nozzle

Brandt's Ideal Sprayer—Equipment, tank 15 gallons, portable, attached to an iron wheelbarrow frame with wheel; 10 feet  $\frac{3}{8}$ -inch pressure hose, 10 feet 3-piece pipe extension, 1 T shut-off cock, 1 Brandt nozzle. Weight, 65 lbs. Price, \$17.50.





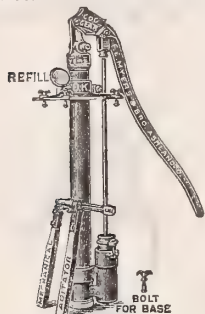
Auto No. 240 Barrel Spray Pump



Auto No. 410 Barrel Spray Pump

**Auto No. 240 Barrel Sprayer**—This pump is most powerful. Develops great pressure with but little exertion. A solid piece pump cylinder, base and air chamber, giving perfect alignments. Simple in construction, yet very strong and durable. The agitator is mechanical and very effective. We consider this outfit one of the best on the market. Guaranteed to give perfect satisfaction. Price of pump, barrel, 15 feet of ½-inch 5-ply hose and automatic spray nozzle \$18.00 each; with two leads of hose, 15 feet each, two nozzles and connections, \$22.00. 9-ft. bamboo extension rod, extra, \$3.00.

**Auto Spray No. 410**—An excellent pump for the price. Fully guaranteed. Will handle whitewash as well as all heavy spray solutions. Price, pump with 15 feet ¾-inch discharge hose, 8 feet iron extension pipe and nozzle, \$13.00. Price above outfit set on 50-gallon barrel, \$16.00.



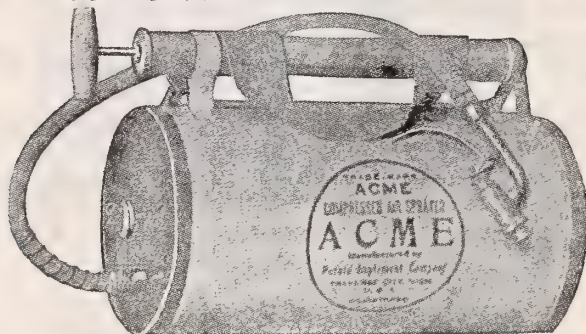
Myers' No. 318-B Barrel Spray Pump



The Standard Combination Sprayer

**Myer's Cog Gear Barrel Spray Pump No. 318B**—Has malleable iron base, fits any regular size barrel. Cylinder valves and valve seats all brass; has 15 ft. of ½-in. 5-ply discharge hose; mechanical agitator, and Vermorel nozzle. Price, complete, without barrel, \$12.00; with extension pipe, \$13.50.

**The Standard Sprayer**—A general purpose sprayer, suitable for every spraying need. Made entirely of brass, with two solid brass ball valves. No leather suckers or washers, no castings to rust, no leaking joints, nothing to get out of order. Sprays orchards, large or small, potatoes or truck crops. Sprays whitewash, any cattle dip or disinfectants. Write for circulars. Price, Standard Sprayer, \$4.50. By parcel post, \$4.75. Price, Standard Sprayer with Knapsack Tank, \$7.50. By parcel post, \$8.25.



**Acme Compressed Air Sprayer**—One of the very best compressed air sprayers on the market. Extra strong, with pump cylinder on the outside. Capacity, 3 gallons. Price, each, \$5.00. By parcel post, \$5.30.

**Myers' Orchard Barrel Spray Pump No. 305**—Complete with 5 feet of ½-inch 3-ply discharge hose and Bordeaux nozzle. Price, without barrel, \$10.00; with patent agitator, \$11.00; with one 6-foot extension pipe, \$11.50.

**Baby Lowell Compressed Air Sprayer**—The air enters the sprayer through the valve at bottom of pump, thoroughly agitating and mixing the contents of sprayer. Holds one gallon. Price, galvanized iron, \$3.75; by parcel post, \$4.00.

**The Myers Steel Cart Barrel Sprayer**—Outfit as follows: One No. 318-B cog gear orchard pump, 15 feet hose, spray nozzle, agitator, one all-steel cart with 3-inch tire, and one finished barrel. All knocked down, but can easily be set up. Price, complete, \$23.50.



Half-inch 5-ply Rubber Spray Hose



Bordeaux Spray Nozzle



No. 180 Misty Spray Nozzle

### Dry Powder Sprayers and Dusters.

Acme Hand Bellows .....	each, \$1.00; by parcel post, \$1.25
Dickey Bug Death Duster .....	each, .25; by parcel post, .40
Insect Powder Gun .....	each, .25; by parcel post, .30
Acre an Hour Sifter .....	each, .75; by parcel post, .90
Scollay's Rubber Sprayer .....	each, 1.00; by parcel post, 1.10
Scollay's Putty Bulbs .....	each, 1.00; by parcel post, 1.10

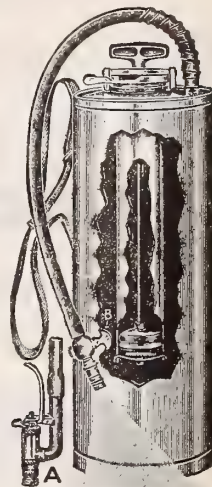
### Spray and Hose Nozzles.

Vermorel Nozzle, ½-inch thread, each .....	\$ .75
Bordeaux Nozzle, ½-inch thread, each .....	.75
Misty Spray Nozzles, ½-inch thread, each .....	1.00
Just Rite Hose Nozzle, ¾-inch thread, each .....	.50
Brass Extension Pipes, 18 inches long, each .....	.35
Brass Extension Pipes, 24 inches long, each .....	.50
Iron Extension Pipes, 48 inches long, each .....	.75
Bamboo Extension Pipes, six feet long, each .....	2.50
Brass Elbows, ½-inch thread, each .....	.75
Brass Spray Hose Couplings, ½-inch, each .....	.25

We carry a full stock of the different parts, washers, etc., of most all sprayers listed; write us what you need.



Brandt's Perfection Compressed Air Sprayer



PATENTED.

Auto Compressed Air Sprayer

**The Auto Spray Pump**—The "Auto Spray" works automatically. It may be charged in fifteen seconds by a few strokes of the plunger, and two pumpings will usually discharge the entire contents. Capacity 4 gallons.

A—Brass Tank with stop cock .....	\$7.25
B—Brass Tank with Auto Pop No. 1 .....	7.75
C—Galvanized Tank with stop cock .....	5.00
D—Galvanized Tank with Auto Pop No. 1 .....	5.50
Auto Pop Attachment with hose .....	2.00
Auto Pop Attachment without hose .....	1.35
Brass 2-ft. extension, per length .....	.50
Brass Elbow extension .....	.50
Strainer for Auto Spray Pumps, copper .....	1.00
By parcel post, Auto Pumps, 50c each extra.	

**Brandt's Perfection Compressed Air Sprayer**—A light, compact compressed air sprayer. Will spray whitewash. Galvanized Iron, \$5.00; brass, \$7.50. 2½ feet extension pipes, 50c each extra. By parcel post, add 25c extra.

### Rubber Hose.

Spray Hose, ¾-inch .....	per foot, \$ .15
Spray Hose, ½-inch .....	per foot, .15
Sprinkling Hose, ¾-inch .....	per foot, .15
All best quality pure rubber. Postage extra.	



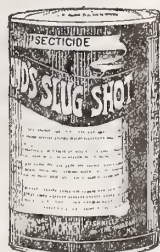
# Spray Materials and Insect Powders

Order early. Fruit trees should be sprayed late in winter or very early in spring. Have the material on hand and do the work at the right time. You can raise good fruit by systematic spraying.

Try spraying this spring. You will be well repaid for your expense and trouble. Directions for applying the different preparations are printed on the package. Prices are f.o.b. Memphis, purchaser paying carrying charges, unless stated otherwise.

Poisonous insecticides and liquids of any kind are not permitted in the mails, so all packages of poisons, no matter how small, must be sent by express or freight.

**Bug Death**—An effective non-poisonous powder for potato bugs and other insects in the garden. Price, 1 lb., 20c; 3 lb., 40c; 5 lb., 60c; 12½ lb., \$1.10; 100 lb. keg, \$8.00. By parcel post, 1 lb., 30c; 3 lb., 55c; 5 lb., 80c; 12½ lb., \$1.45.



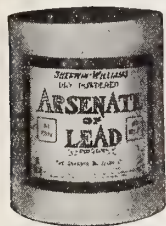
Reg. U. S. Pat. Off.  
Pat. March 16 and Nov. 9, 1897.

**Slug Shot, Hammond's**—Non-poisonous; a splendid powder for general use. Price, 1 lb., box, 15c; 5 lb., pkg., 40c; 10 lb., 75c; 25 lb., \$1.50; 100 lb., \$5.50. By parcel post, 1 lb., 25c; 5 lb., 60c; 10 lb., \$1.00.



**Hammond's Grape Dust**—Keep off blight and other fungus diseases. 1 lb. carton, 20c; 5 lb., 40c. By parcel post, 1 lb., 25c; 5 lb., 55c.

**Powdered or Dry Arsenate of Lead**—Does not burn the foliage, absolutely safe to use, kills every insect that eats it, superior in every way to Paris Green, as it does not burn or scald the foliage, can be used dry as a powder or as a solution in water. Price, ½ lb., 30c; 1 lb., 50c; 5 lb., \$2.00; 10 lb., \$3.00; 25 lb., \$6.50. Cannot be mailed.



**Paste Arsenate of Lead**—It is simple to dilute; always effective. 1 lb., jar, 25c; 5 lb. jar, \$1.00; 10 lb. jar, \$1.75; 25 lb. can, \$3.50; 100 lb. keg, \$12.50. Cannot be mailed.

**Pyrox**—Is easy to use, simply mix with water and spray, sticks like paint to the leaves and is not washed off by even heavy rains. Saves time, labor and trouble. Pyrox is a double-header spray, it kills leaf-eating worms and bugs; prevents blight, rot, rust and fungus in one operation. It stimulates growth, increases yield and quality, keeps the tree or plant healthy and vigorous throughout the growing season. Price, 1 lb., 35c; 5 lb., \$1.25; 10 lb., \$2.00; 25 lb., \$4.00. Not mailable.

**Lime Sulphur Solution**—One of the most popular and effective liquid preparations on the market. Cures and controls San Jose Scale and other fungus diseases. Used in combination with Arsenate of Lead, makes a certain insect killer. Price, qt., 35c; 2 qts., 50c; 1 gal., 75c; 5 gal., \$3.00; ½ bbl., 30 gal., at 30c gal.; bbl., 50 gal., at 25c gal., f.o.b. Memphis.

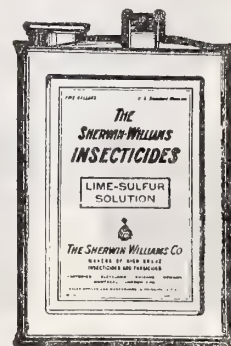
For fungus diseases, use at all times Bordeaux Mixture, Pyrox, Scalecide or Lime Sulphur. For lice and chewing insects and aphids, use Kerosene Emulsion. On roses, use Fir Tree Oil Soap solution for green fly. For caterpillars, use Arsenate of Lead. For mildew use Lime Sulphur, Hammond's Grape Dust. For cut worms, Cut Worm Food. For tomato worms, apply Slug Shot; cabbage worms, Slug Shot or Pyrox. For potato bugs, use Bug Death, Arsenate of Lead, or Tuber Tonic.

**Dry or Powdered Lime Sulphur**—This new preparation is even better and more effective than the liquid formula. Besides, it don't spoil. You can use as you want same, and then you also don't have to pay freight on water. Five pounds Powdered Lime Sulphur will make 50 gallons of spray material. Full directions come with every package. Price, 1 lb., 25c; 5 lb. pkg., 90c; 10 lb., \$1.60; 25 lb., \$3.50; 100 lb., \$12.00. By parcel post, 1 lb., 35c; 5 lb., \$1.00; 10 lb., \$1.75.



**Corona Dry Arsenate of Lead**—Sure death to all leaf-eating insects, can be used either dry or in solution. Price, ½ lb., 30c; 1 lb., 50c; 5 lb., \$2.25; 10 lb., \$3.50; 25 lb., \$7.50. Cannot be mailed.

**Pratt's Sulfocide**—The very best and safest preparation to use on peach trees. A spraying with Sulfocide, one part to two hundred parts of water, just as the dried blossoms are coming off of the newly-formed fruit, will insure fruit free from worms or brown rot. This is a very important spray for peaches, and should not be omitted. A second spraying should be done when fruit is about the size of a hickory nut. Further instructions on request. Price, 1 pt., 50c; 1 qt., 75c; 1 gal., \$2.00. Not mailable.

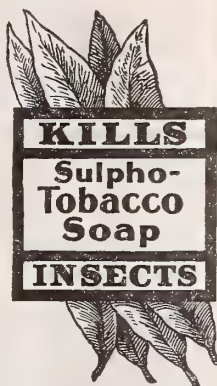


**Pratt's Scalecide**—One of the very best preparations for controlling San Jose Scale. Scalecide will also destroy the eggs and larvae of many insects wintering on trees, as well as fungus troubles, by a dormant spray. This cannot be said of any other spray on the market, like oil or Lime Sulphur. The manufacturer claims that it will do all Lime Sulphur can do, and some things that Lime Sulphur cannot do. The longer the trees are sprayed with Scalecide the more beautiful and healthful and fruitful they become. Scalecide is easier applied than Lime Sulphur. It is non-corrosive and non-poisonous. One gallon of Scalecide diluted for use will spray twice as many trees as two gallons of diluted Lime Sulphur. This is due to its spreading properties. Ask for Pratt's booklet on Scalecide. Price, 1 qt. can, 50c; 1 gal. can, \$1.25; 5 gal. can, \$3.75. Not mailable.

**Aphine**—A powerful insecticide in readily soluble form with water, applied as a spray, wash or dipping solution. For destroying all plant lice, aphids, red spider and all other greenhouse and outdoor insects. Price, ¼ pt., 25c; ½ pt., 40c; pt., 65c.



**Tree Tanglefoot**—Applied to trees keeps ants and caterpillars from crawling up; a sure cure for most insect trouble on all kinds of trees. 1 lb. can, 40c; 3 lb., can, \$1.00; 10 lb. can, \$3.00. By parcel post, 1 lb., 45c; 3 lb., \$1.10; 10 lb., \$3.25.



**Powdered or Dry Fungi Bordo**—The perfect dry Bordeaux all ready to be mixed; full directions on every package how to use it. Price, 1 lb., 40c; 5 lb., \$1.75; 10 lb., \$3.00; 25 lb., \$6.00; 50 lb., \$11.00. Not mailable.

**Sulpho Tobacco Soap**—Will keep off and kill all insects on plants and trees. Price, 3 oz. cake, 10c; 8 oz. cake, 20c. By parcel post, 3 oz. cake, 20c; 8 oz. cake, 25c.

**Bordeaux Mixture**—We carry the best brands of this standard formula. Price, Bordeaux Liquid, pt., 35c; qt., 50c; gal., \$1.50.

**Bordeaux and Arsenate of Lead Mixture**—A combination fungicide and insecticide. Price, qt., 75c; gal., \$2.50. Not mailable.

**Paris Green**—Price ¼ lb., 20c; ½ lb., 30c; 1 lb., 55c; 5 lb., \$2.50; 100 lb. keg, \$35.00. Not mailable.

**Fish or Whale Oil Soap**—Effective against scale, ants, aphids, etc., on trees and plants. ¼ lb., 10c; 1 lb., 25c; 5 lb. box, \$1.00. By parcel post, ¼ lb., 15c; 1 lb., 35c; 5 lb., \$1.20.

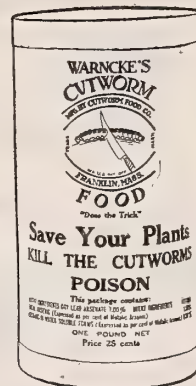
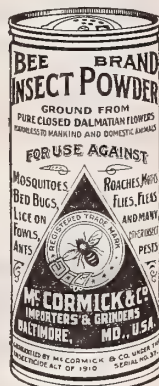
**Kerosene Emulsion**—Effective on aphids, etc., full directions on can. Price, qt. can, 50c; gal. can, \$1.50.

**White Hellebore**—Effective on all lice and other insects on vegetable plants; poisonous but safe to use. ½ lb., 20c; 1 lb., 35c.

**Lemon Oil Insecticide**—Safe to use; leaves no odor; will destroy all lice, scale, worms, spiders, aphids, etc., on all plants. Price, ½ pt., 25c; 1 pt., 50c. Cannot be mailed.

**Bee Brand Insect Powder**—Non-poisonous but very effective against all insects. Price, 3 oz. can, 25c; ½ lb. can, 50c. By parcel post, 3 oz. can, 30c; ½ lb. can, 60c.

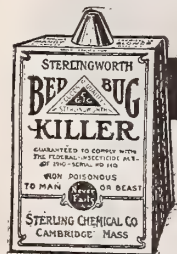
**Cut Worm Food**—Simple, easy to use; a sure dose for eradication of all cut worms. Price, 1 lb., 25c; 5 lb., \$1.00. Not mailable.



**Hydrometer**—For testing accurately the strength of your Lime Sulphur and other spray materials. Set complete, one Hydrometer tube, one 12-inch glass test jar with foot and pour-out, packed in a wooden case with full directions. Price, \$2.00. By parcel post, \$2.15.

**Formaldehyde (Formalin)**—Has particular value for treating oats, wheat and other grain to prevent smut, as well as preventing potato scab. Use 1 pound to 30 gallons of water. It is also an excellent preparation for household use. Book of instructions sent with every purchase. Price, 1 lb. bottle, 60c; 1 gal., 9 lb. jug, \$2.50, by express only; it is not mailable.

**Tobacco Dust**—For lice and other insects on all vegetable and flower plants. 1 lb., 15c; 5 lb., 40c; 25 lb., \$1.25; 100 lb., \$4.00. By parcel post, 1 lb., 25c; 5 lb., 60c.



**Prof. Null's Tree Tonic and Insect Destroyer**—Eradicates borers in peach and other fruit trees, prevents blight in pear trees, makes grape vines grow vigorously, cures and prevents fungus troubles on roses and shrubs. Simple to use, send for booklet and testimonials of this most wonderful preparation. Price, 1 lb. box, \$1.00. By parcel post, \$1.10.

**Sterlingworth Insecticides, Etc.**—A standard brand. Effective and safe to use. We have been handling them for several seasons, and all give excellent satisfaction.

**Sterlingworth Weed Killer**—For killing weeds in walks, drives, tennis courts, etc. One pound makes 10 gallons. Price, 1 lb., 50c; 5 lb., \$2.00. Not mailable.

**Sterlingworth Roach Powder**, ¼ lb., 25c; 1 lb., 80c. By parcel post, ¼ lb., 30c; 1 lb., 90c.

**Sterlingworth Ant Driver**—¼ lb., 25c. By parcel post, ¼ lb., 30c.

**Sterlingworth Flea Powder**, 2 oz. box, 25c. By parcel post, 2 oz. box, 30c.

**Sterlingworth Bed Bug Powder**, 2 oz. box, 25c. By parcel post, 2 oz. box, 30c.

**Hammond's Thrip Juice**—For sucking insects. Non-poisonous. Dilute one to fifty. Absolutely sure shot against Aphids, Lice, Mealy Bugs, etc. ½ pt., 40c; pt., 60c.

### Measuring Insecticides.

The following table will help the amateur in diluting any spray material. One part spray material to 50 parts water means:

1 teaspoonful to 1 pint of water.
2 tablespoonfuls to 1 gallon of water.
½ pint to 12 gallons of water.
1 pint to 24 gallons of water.
1 quart to 1 barrel, 50 gallons of water.

For stronger or weaker solutions, increase or decrease quantity of spray material to above amount of water.



**Tuber Tonic**—A new preparation especially made to kill potato beetle and at the same time acts as a tonic to the plant. Price, 1 lb., 50c; 5 lb., can, \$2.25. Cannot be mailed.

**Pruning Compound**—For use on trees after after pruning, keeps limbs from bleeding. 1 qt. can, 50c. Not mailable.

**Fir Tree Oil Soap**—Excellent remedy for all house plants, trees or shrubs. ½ lb. can, 25c. By parcel post, 35c.

**Grafting Wax**—Prepared especially for all grafting on trees, etc. ¼ lb., 20c; ½ lb., 30c. By parcel post, ¼ lb., 25c; ½ lb., 40c.

**Germo Magic Disinfectant**—Reliable, does not stain, effective on ants, roaches, and chicken lice. Price, qt., 50c; 2 qts., 75c.

**Sulphur, Powdered**—Very effective against mildew. 1 lb., 15c; 5 lb., 60c; 25 lb., \$2.00. Not mailable.

**Nicoticide**—The spray that does the work. One ounce of Nicoticide makes ten gallons of spray material. The bugs die, the plant thrives. Nicoticide is not the cheapest in price, but the cheapest in results. Circulars on request. 1 oz. bottle, 25c; ¼ pt., 70c; ½ pt., \$1.25; 1 pt., \$2.50. Nicoticide is not mailable.

**Nicoteen Liquid**—A very strong solution of Nicoteen, which is sure death to all insect life, does not injure the most tender foliage, if directions are followed. Price, 4 oz. bottle, 40c; 1 lb. bottle, \$1.50. Not mailable.

**Aphis Punk**—Tobacco paper, the original nicoteen fumigant. Price, per can of 1 doz. sheets, 60c. By parcel post, 70c.



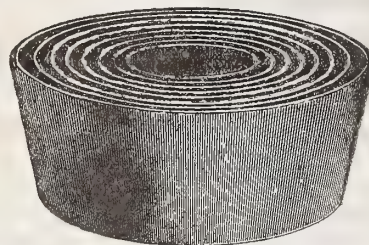
# Flower Pots, Plant Tub, Etc.



**Standard Flower Pots.**

(Without Saucers)

2 inch, doz., 15c; 100	\$.75
2½ inch, doz., 20c; 100	1.00
3 inch, doz., 25c; 100	1.25
4 inch, doz., 35c; 100	2.00
5 inch, doz., 45c; 100	2.50
6 inch, doz., 60c; 100	4.00
7 inch, each, 15c; doz.	1.25
8 inch, each, 20c; doz.	1.75
9 inch, each, 25c; doz.	2.25
10 inch, each, 30c; doz.	3.00
12 inch, each, 50c; doz.	5.00
13 inch, each	.75
14 inch, each	1.25
16 inch, each	1.75
18 inch, each	2.00



**Fern Pans.**

4¾-inch, each	\$.10
6¼-inch, each	.20
8 -inch, each	.25
10 -inch, each	.30



**Flower Pot Saucers.**

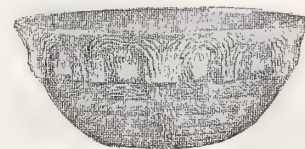
3-inch, doz.	\$.15
4-inch, doz.	.25
5-inch, doz.	.30
6-inch, doz.	.40
7-inch, doz.	.60
8-inch, doz.	.75
9-inch, doz.	1.00
10-inch, doz.	1.20
12-inch, doz.	1.80
15-inch, doz.	3.00

**Neponset Paper  
Flower Pots.**



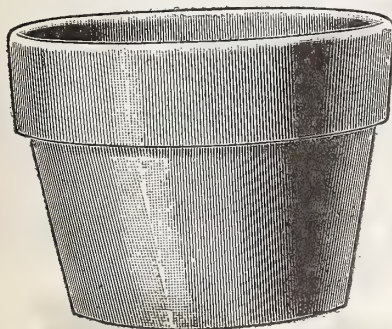
2½ inch, per 100	\$.60; per 1000	\$4.50
3 inch, per 100	.90; per 1000	6.00
4 inch, per 100	1.00; per 1000	8.00

By parcel post, add 10c per 100 to above prices.



**Terra Cotta Hanging Baskets.**

7-inch Terra Cotta Basket	\$.15
8-inch Terra Cotta Basket	.25
9-inch Terra Cotta Basket	.30
Brass Chains for hanging, 5c per running foot.	
No. 17—7-inch Terra Cotta Basket with lining and chain, each	.50c
No. 18—8-inch Terra Cotta Basket with lining and chain, each	.55c



**Azalea or 3/4 Size Pots.**

5-inch, each, 5c; doz.	\$.60
6-inch, each, 10c; doz.	.75
7-inch, each, 15c; doz.	1.25
8-inch, each, 20c; doz.	1.75
10-inch, each, 30c; doz.	3.00
12-inch, each, 50c; doz.	5.00

**Fancy Fluted Flower Pots.**

No. 88—8-inch, with saucer, each	\$.46
No. 89—10-inch, with saucer, each	.60
No. 90—12-inch, with saucer, each	.90



**Richmond Cedar Plant Tub.**

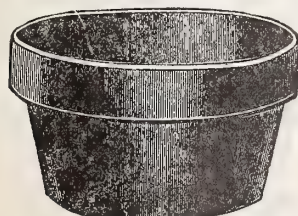
Made of selected White Cedar and are bound with electric welded hoops, strong and durable, at a moderate price. Prices as follows, f.o.b. Memphis.

No. 3—Diameter 8 inches, each	\$.50
No. 5—Diameter 10 inches, each	.90
No. 7—Diameter 12 inches, each	1.10
No. 9—Diameter 14 inches, each	1.35
No. 10—Diameter 15 inches, each	1.50
No. 11—Diameter 16 inches, each	1.75
No. 13—Diameter 18 inches, each	2.00

**Fancy Jardinieres and Pots.**

A new line of extra quality; every one a handsome ornament. Can be used either indoors or outside.

No. 7—15-inch Terra Cotta Jardiniere	each \$ 3.50
No. 10—11½-inch Terra Cotta Jardiniere	each 2.00
No. 6—14½-inch Terra Cotta Jardiniere	each 3.00
No. 11—9½-inch Terra Cotta Jardiniere	each 2.00
No. 6—11½-inch Gray Stone Jardiniere	each 4.00
No. 2—19-inch Gray Stone Jardiniere	each 9.00
No. 16—11½-inch Gray Stone Jardiniere	each 4.00
No. 18—19-inch Gray Stone Jardiniere	each 8.50
No. 7P—17-inch Terra Cotta Jardiniere, with pedestal	each 9.00
No. 2P—19-inch Gray Stone Jardiniere, with pedestal	each 17.00
No. 14—15-inch Gray Stone Window box, with linings	5.00



**Bulb or 1/2 Size Pots.**

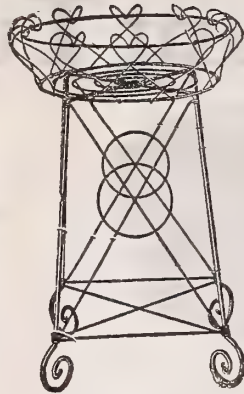
6-inch, each	\$.15
7-inch, each	.20
8-inch, each	.25
10-inch, each	.30
12-inch, each	.40
14-inch, each	.50



## Plant Stands.



No. 4 Half Round Wire Plant Stand



Wire Single Pot Stand

## Wire Plant Stands.

These are convenient, and make a handsome effect when filled with plants.

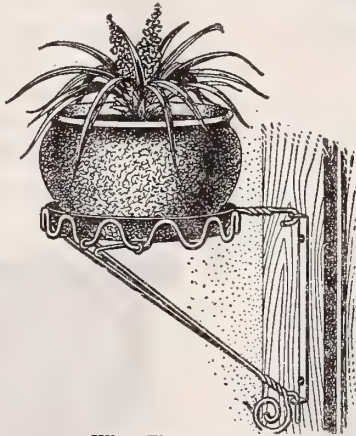
**No. 4 Half Round**—This is one of our most attractive stands; holds about 30 pots; is 48 inches wide; 31 inches deep. Each, \$5.50.

**No. F-5 Half Round**—Same as above, but has arch and hanging basket. The stand and arch is 6 ft., 4 in. high. A beautiful wire stand. Price, \$6.50.

**No. F-6**—Square stand with 3 shelves, 3 ft., 3 in. long. Price, each, \$5.00; with arch, \$6.50.



Wire Hanging Basket



Wire Flower Pot Bracket

## Wire Flower Pot Bracket.

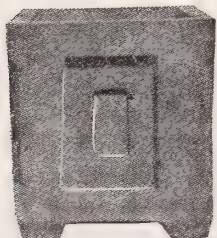
Very neat and attractive in appearance. Made of steel wire and tinned after being made. Very strong. Easily put up and instantly removed. Made in two sizes.

5 in. in diameter, each, 20c; doz., \$2.00; by parcel post, each, 25c.

6 in. in diameter, each, 25c; doz., \$2.25; by parcel post, each, 30c.

## Self-Watering Hanging Basket.

A new design, very neat and is self watering. Price, \$1.50 each; by parcel post, \$1.80.



No. 12 Straight Panel Concrete Pot



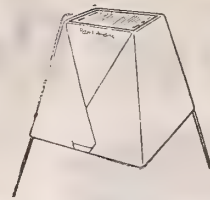
No. 20 Flared Panel Concrete Pot

## Wire Hanging Basket.

	Par.	Post
8-inch, each	.20	.30
10-inch, each	.30	.45
12-inch, each	.40	.55
15-inch, each	.50	.65

## Single Pot Stands.

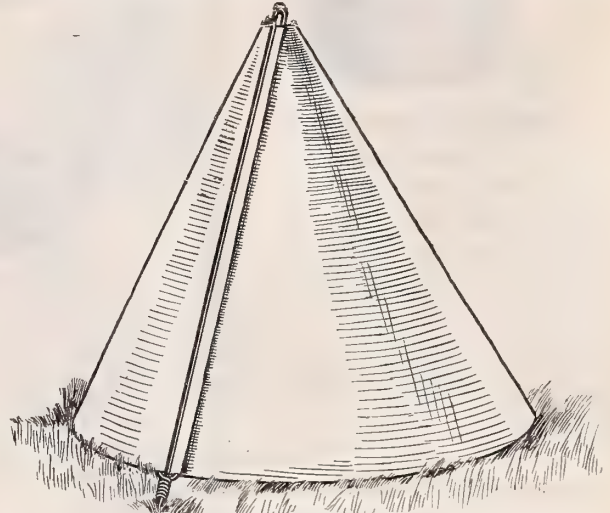
Especially for specimen plants. Very strong; 12 inches in diameter; 19 inches high to shelf. Each, \$1.25; 6 for \$6.00. By parcel post, each, \$1.50.



The Houston Plant Protector

## The Houston Plant Protector.

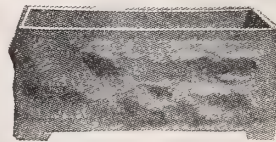
With this new device you can raise earlier vegetables. It protects them from frost and cold. Keeps away mice and insects, therefore, avoids replanting such seeds as melons, cantaloupes, cucumbers, squash, etc. Have earlier tomatoes than your neighbor by using the Houston Plant Protectors. Wind won't blow them off; rain won't hurt them. Try a few and be convinced. Doz., 50c; per 100, \$4.00; per 1000, \$30.00. By parcel post, doz., 75c.



Ideal Plant Protector

## Ideal Plant Protector.

Protects plants from frost and cold. Most exhaustive tests have proven that the "Ideal Plant Protector" will protect a plant against injury from frost, from rain, from hail and from wind. The protector being made of dry, water and frost-proof cardboard, which protects the plant from rain or cold. The gardener who uses Ideal Plant Protectors can safely sow seed two weeks earlier than usual, as they protect all tender plants, such as Tomato, Pepper, Cucumber, Egg Plant, Squash, etc., from frost. Made in two sizes—No. 10, 10 inches high and 10 inches in diameter, and No. 12, 12 inches high and 12 inches in diameter. Price, No. 10, 40c per doz.; \$3.00 per 100; \$25.00 per 1000. Price, No. 12, 50c per doz.; \$4.00 per 100; \$30.00 per 1000. By parcel post, No. 10, 60c per doz.; \$3.50 per 100; No. 12, 70c per doz.; \$4.60 per 100.



No. 18 Concrete Rock Box



No. 14 Flared Panel Concrete Pot

## Concrete Stone Pots, Stone Urns and Porch Boxes.

Neat, inexpensive and durable. Made of concrete and will last a life time. They are not only substantial but very showy, and will add to the looks of your home and grounds. Order a few for trial, and we feel sure that you will want more of them. The various sizes and shapes are described as follows

No. 8 Straight Panel Square Pot, 12x8 in., each	1.75
No. 12 Straight Panel Square Pot, 12x12 in., each	1.75
No. 14 Flared Panel Square Pot, 14x14 in., each	1.75
No. 20 Flared Panel Square Pot, 20x22 in., each	4.00
No. 18 Straight Panel Rock Box, 12x8x12 in., each	1.00
No. 128 Straight Panel Rock Box, 10x5x20 in., each	1.25
No. 11 Concrete Porch Box, 5 feet long, each	5.50
No. 11A Concrete Porch Box, 3½ feet long, each	4.00
No. 11B Concrete Porch Box, 2 ft., 4 in. long, each	2.50
No. 45 Concrete Urn and Base, each	4.50
No. 45 Concrete Urn and Base Pedestal, each	6.50
All f. o. b. Memphis. Crating charges for shipping according to size, 25c to 50c extra.	

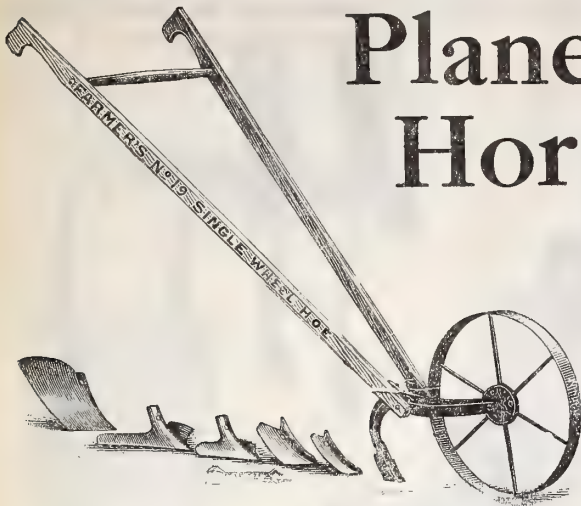
## Cemetery Vase.

A rich brown glazed vase for cemetery use, glazed both inside and outside, supplies a long-felt want.

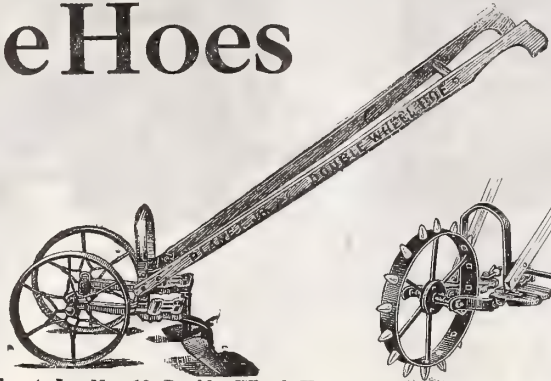
	Par.	Post
No. 1, 3½x10 in., each	.35	.50
No. 2, 4x12 in., each	.40	.60
Unglazed, 4-in. Cemetery Vase, each	.15	.30



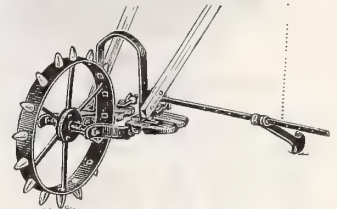
# Planet Jr., Garden and Horse Hoes



The Standard No. 22 Wheel Hoe and Plow



Planet Jr. No. 13 Double Wheel Hoe



Planet Jr. One-Row Spot Marker Attachment

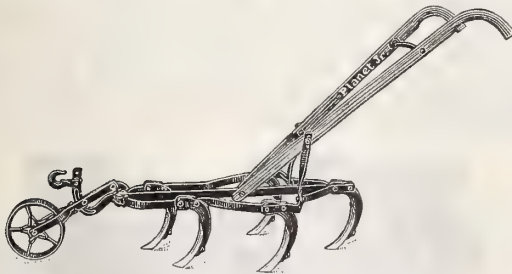
The best tools on the market. On account of limited space we are unable to illustrate fully these splendid implements, but for the asking we will be pleased to mail a fully illustrated and descriptive catalogue. Quotations below cancel all previous lists and are all f. o. b. Memphis.

## Garden Drill and Hill Seeders.

Planet Jr. No. 1—Drill and wheel hoe.....	\$11.50
Planet Jr. No. 2—The best drill .....	9.50
Planet Jr. No. 3—Hill seeder .....	12.50
Planet Jr. No. 4—Hill and drill seeder .....	13.25
Planet Jr. No. 5—Large size seeder .....	15.50
Planet Jr. No. 25—Hill and drill seeder .....	16.00
Planet Jr. No. 28—Hill and drill seeder and cultivator.....	16.50
Planet Jr. No. 29—Hill and drill seeder .....	13.50
Planet Jr. No. 31—Combined drill and wheel hoe.....	8.50
Planet Jr. No. 32—Drill .....	6.00

## Garden Wheel Hoes.

Planet Jr. No. 11—Double wheel hoe .....	\$11.00
Planet Jr. No. 12—Double wheel hoe .....	8.75
Planet Jr. No. 13—Double wheel hoe .....	6.00
Planet Jr. No. 16—Single wheel hoe .....	7.25
Planet Jr. No. 17—Single wheel hoe .....	6.25
Planet Jr. No. 18—Single wheel hoe .....	4.50
Planet Jr. No. 19—Garden plow .....	4.25
Planet Jr. Firefly Hand Plow .....	2.75
Planet Jr. No. 3—Grass Edger .....	7.00
Planet Jr. No. 33—Single wheel hoe .....	3.75



Planet Jr. No. 100 Plain Cultivator

## Horse Hoes and Cultivators.

Planet Jr. No. 4—Horse Hoe, less wheel.....	\$ 7.50
Planet Jr. No. 8—Horse Hoe and Cultivator, with wheel.....	11.50
Planet Jr. No. 9—Horse Hoe, less wheel .....	8.75
Planet Jr. No. 102—Horse Hoe and Cultivator, less wheel.....	6.00
Planet Jr. No. 100—Plain Cultivator, less wheel.....	4.75
Planet Jr. No. 4—Plain Cultivator, less wheel.....	5.75
Planet Jr. No. 9—Plain Cultivator, less wheel.....	7.25
Planet Jr. No. 90—Twelve Tooth Harrow, plain.....	7.75
Planet Jr. No. 12—Twelve Tooth Harrow, complete.....	11.50

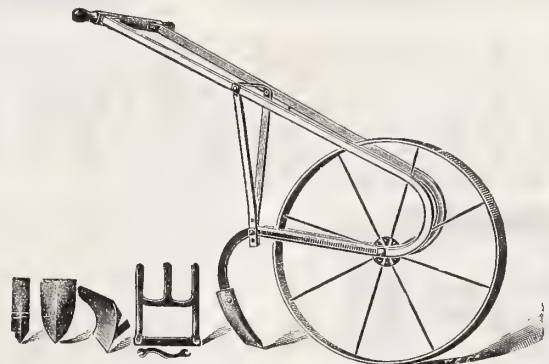
## Standard Line of Garden Tools.

This is a line of garden tools made in Iowa, which promises to take a leading place among the gardeners. The line embraces about a dozen different garden tools, but we have chosen a few of the best ones to offer here.

No. 4 Standard Double and Single Cultivator, Rake and Plow .....	Price, \$5.00
No. 12 Standard Single Wheel Hoe, Plow, Hill and Drill Seeder .....	Price, \$7.00
No. 14 Standard Hill and Drill Seeder, complete.....	Price, \$6.00
No. 22 Standard Single Wheel Hoe and Cultivator and Plow .....	Price, \$4.50

## Planet, Jr., Spot Marker.

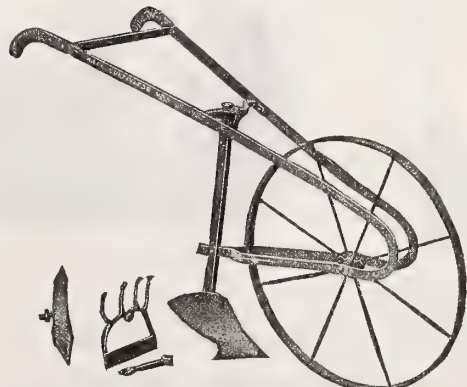
A great labor saving device. To be attached to any Single or Double Planet Jr. Wheel Hoe.  
One-row Spot Marker Attachment, each.....\$2.75  
Two-row Spot Marker Attachment, each.....5.50



The Leader No. 3 Garden Plow

## Hand Garden Plows.

The Leader No. 3—The most inexperienced and ignorant laborer on earth can handle this tool with entire success. All kinds of work can be done with this plow and combination of tools; plowing and breaking of the ground in spring and harrowing, cultivating, hilling and weeding. Price, each, \$3.00.



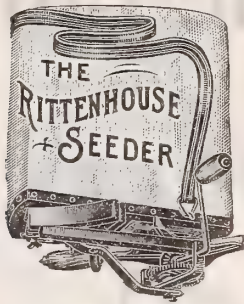
The Hall No. 5 Garden Plow

## The Hall No. 5 Garden Plow.

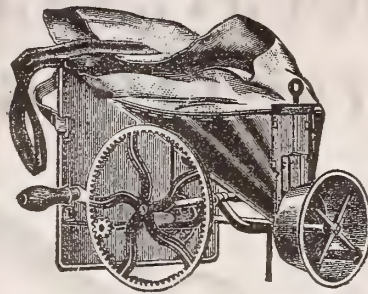
It's the easiest running plow you ever had your hands on—instead of pushing against the axle, the handles extend ahead of the axles, which affords a balanced and lighter draft. The wheel and tools are directly in line. Adjustable handles, which are all steel, to proper working height for boy or man. Adjustable draft for light or deep cultivation. 24-inch wheel—heavy steel rim— $\frac{3}{8}$ -inch oval spokes—wheel bushed so it can't bind—equipped with 5 tools. Weight 25 pounds. Price, each, \$3.25.



## Seed Sowers.

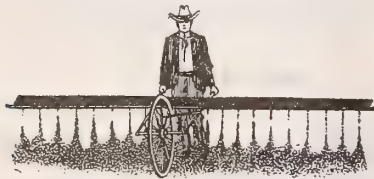


The Rittenhouse Seeder No. 3



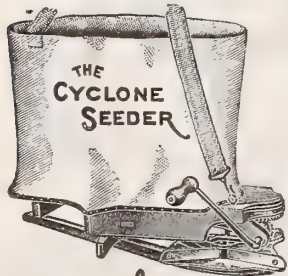
Cahoon Broadcast Seeder

A hand broadcaster that sows accurately. Always gives satisfaction. Has an agitator or stirrer which revolves over the feed opening and keeps it clear so that the seeds run out evenly. Furthermore, the feed opening is so made that no matter whether you sow large or small seed, equal quantities will be distributed to the right and left. Sack holds one-half bushel. Steel frame, convenient hand hold and body shield. Price, each, \$1.50; by parcel post, \$1.70 each.



**Thompson's Wheelbarrow Seeders**—Will sow clover and grass seed, either mixed or separate; graduated to sow in any quantity per acre. Twenty to thirty acres can be sown daily by using this machine. Single hopper 14 feet in length. Each, \$9.00. Double hopper 14 feet in length. Each, \$11.50. F. O. B. Memphis.

**Cyclone Seed Sower**—Will sow timothy, clover, oats, rye, wheat, millet, grass seeds, peas, sorghum, etc. Distributes evenly, works perfectly; has an agitating feed plate, which insures a uniform flow of seed. Price, each, \$1.50; by parcel post, \$1.70.



The N. W. Lawn Trimmer

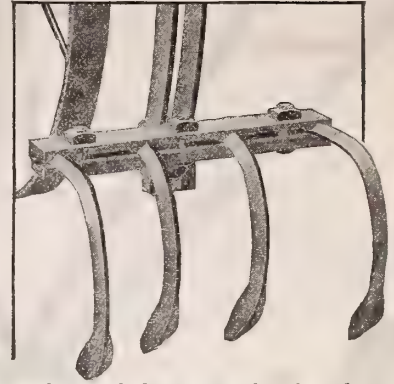
**The Lightning Horn Seeder**—A splendid little tool, simple and easy to operate. Will sow any fine seed like clover, lespedeza, timothy, alfalfa and grasses. Holding the tube downward wind won't blow seed away. We know this seeder to be good. Price, 75c; by parcel post, 85c.

**The N. W. Lawn Trimmer**—The latest in lawn tools. No stooping or lame backs with the N. W. Lawn Trimmer, this work is accomplished the same as with hand shears, but without the stooping, therefore easier and quicker. You simply walk along the same as behind the mower. Price, each, \$1.75; by parcel post, each, \$2.15.

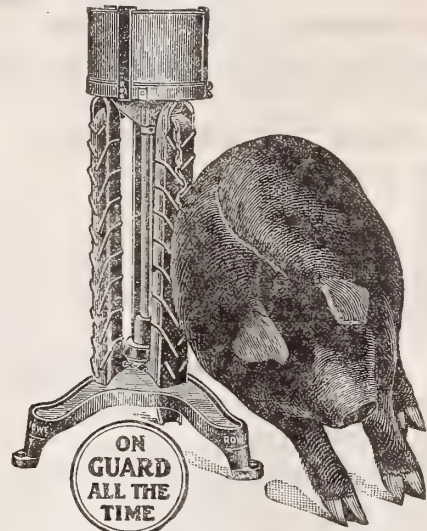
**Eureka Seed Drill**—This is an excellent low-priced, reliable hand seed drill. It has proved a "decided hit" for those who plant vegetables for home use. It weighs only 3 lbs., is a little beauty and will last many years. Each, \$1.00; by parcel post, \$1.10.

**Cahoon Broadcast Seeder**—One of the best seeders manufactured, and sows all kinds of grain, clover seeds, etc., rapidly and evenly. Price, each, \$3.25; by parcel post, \$3.50.

## Hall Cultivator Attachments for Garden Plows.

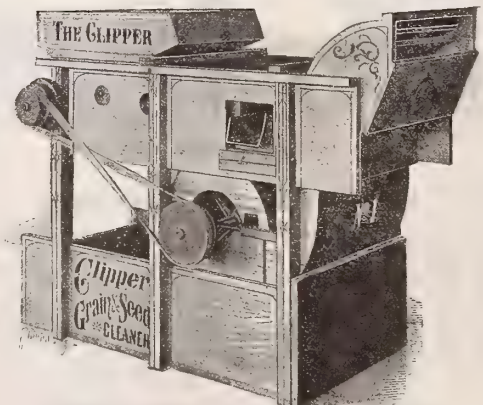


This prong cultivator can be attached to any make of garden cultivator. It has all features of a hoe cultivator with the labor and time saving advantages of a wheel cultivator. Price, each, 60c; by parcel post, 80c.



The Rowe 'New Idea' Hog Oiler.

Will kill the lice on your hogs. Lice sap the hog's vitality—weaken it—prevent its putting on fat and weight—makes the hog susceptible to disease germs. The "New Idea" Hog Oiler will destroy these blood-sucking parasites. It is simple in construction—no complicated parts—nothing to get out of order—no valves, springs, wheels, chains, cylinders. Strongest construction. Guaranteed. Price, Rowe New Idea Hog Oiler, each, \$8.50. Medicated oil, 5-gal. can for \$3.00; barrel lots, 50c per gal.



**Clipper Fan Mill and Seed Cleaner**—This is an up-draft fanning-mill and does the best work in cleaning all kinds of seed and grain; more of these are used by seed dealers than all other makes combined, and farmers would save the price of a mill in many cases by cleaning and grading up their grain before selling. A Clipper will pay for itself in one year by the increase in yield resulting from carefully cleaned seed grain. Price, No. 1 B Clipper Mill, \$26.00; No. 2 B Clipper Mill, \$37.00.

**Little Wonder Seed Sower**—Simple, strong and practical. Especially recommended for sowing grass seed. Price, each, \$1.25; by parcel post, \$1.50.

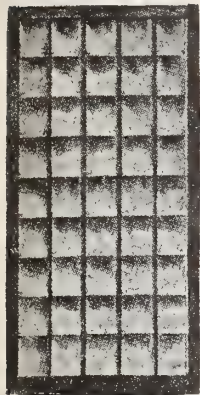


### Schwill's Hot Bed Sash.

Genuine Cypress, Size 3x6 Feet, 1 $\frac{3}{4}$  Inches Thick, Bars Firmly Fastened on Bottom Rail Ready for Immediate Use.

Our Hot Bed Sash are the best made. Material and workmanship guaranteed. Glass laps over to prevent leaks. Higher grade in every way than dealers sell for double our price. Same sash can be used for Chicken Houses and Brooder Houses. Truck farmers, market gardeners and everybody who has a garden, large or small, should Buy a Hot Bed Sash Now.

Prices below are for hot bed sash only, and do not include subframes. If you wish the complete outfit, sash and sash frames, will be glad to quote you prices.



No. E440 Hot Bed Sash



No. E442 Hot Bed Sash

No. E440 Hot Bed Sash—Glazed 5 rows 6-inch glass, clear cypress frames 3x6 feet, 1 $\frac{3}{4}$  inches thick. F. O. B. Memphis, each \$2.50; in lots of 5 at \$2.25 each. F. O. B. factory in lots of 5 at \$2.00 each; lots of 25 at \$1.80 each.

No. E442 Hot Bed Sash—Glazed 3 rows 10-inch glass, clear cypress frames 3x6 feet, 1 $\frac{3}{4}$  inches thick, with strengthening bar. F. O. B. Memphis, each \$2.75; in lots of 5 at \$2.50 each. F. O. B. factory in lots of 5 at \$2.15 each; lots of 25 at \$2.00 each.

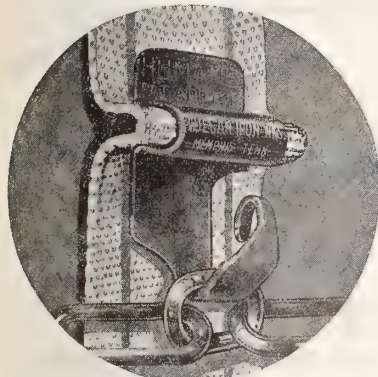
No. E545 Pony Hot Bed Sash—Glazed 3 rows 10-inch glass, white pine frames 3x4 feet, 1 $\frac{3}{4}$  inches thick. These are light and easy to handle. F. O. B. Memphis, each \$2.00; in lots of 5 at \$1.75 each. F. O. B. factory, in lots of 5 at \$1.50 each; lots of 25 at \$1.40 each.

No. E546 Melon Sash No. O—Glazed 1 light 12x12 inches, 1 $\frac{3}{4}$  inches thick, clear white pine. F. O. B. Memphis, each \$1.00; 5 for \$3.00; 25 for \$12.50. F. O. B. factory, in lots of 5 for \$2.50; 25 for \$10.00.

No. E546 Melon Sash No. OO—Glazed 1 light 20x24 inches, 1 $\frac{3}{4}$  inches thick. F. O. B. Memphis, each \$1.25; 5 for \$5.00. F. O. B. factory, 5 for \$4.00; 25 for \$18.00.

### The Lee Seed Corn Tester.

No artificial heat needed. Easy and simple to operate. It pays to test your seed corn. Directions come with every machine. Price, 500 compartment Tester, \$6.00; 1000 compartment Tester, \$8.00; F. O. B. Memphis.



The Humane Back Band Buckle

### The Humane Back Band Buckle.

No metal touches the side of the animal. One farmer writes, "My mules were sore and laid up, but I bought your Humane Buckles and went back to work; the sores healed while plowing."

Be humane and use them on your work stock.

Price, 50c per pair. By parcel post, 60c per pair.

### Water or Sprinkling Pots.

Lisk, heavy galvanized iron	6 qt., each	\$ .75
Lisk, heavy galvanized iron	8 qt., each	.85
Lisk, heavy galvanized iron	10 qt., each	1.00
Lisk, heavy galvanized iron	12 qt., each	1.25
Lisk, heavy galvanized iron	14 qt., each	1.50
French Watering Pots, long tube	10 qt., each	2.50
French Watering Pots, long tube	12 qt., each	3.00

Above prices do not include parcel post charges. If wanted by parcel post, add extra for stamps.



Showing the Kirke System of Lawn Fertilizing

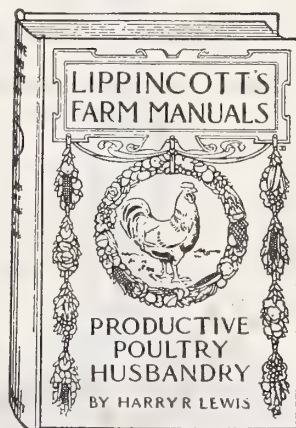
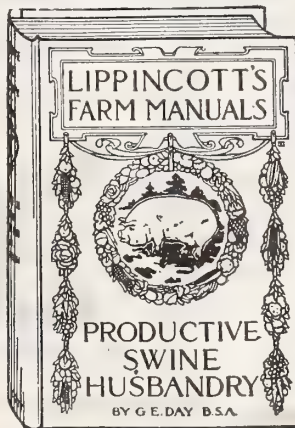
### The Kirke System.

The Kirke System of fertilizing, etc., means the attachment to your garden or greenhouse hose of a cylinder containing a readily soluble solution high-grade fertilizer or insecticide cartridge. You water the lawn or your plants and Kirke System does the rest. The flow of water through the feeder and hose gradually dissolves the cartridge and insures an even and positive distribution of fertilizer or insecticide over lawn or plants. Clean, odorless, efficient, economical; easily attached and convenient.

Kirke Feeder—(Distributing Container.) Nickel plated; holds 1 cartridge, no complicated parts. Each \$2.50.

### The Following Cartridges

	By Parcel Post
Kirke Fertilizer Cartridge	\$ .20 \$ .30
Kirke Tobacco Insecticide	.30 .40
Kirke Arsenate of Lead	.40 .50
Kirke Bordeaux Fungicide	.25 .35
Kirke Angle Worm Destroyer	1.00 1.10
Kirke Fly Maggot Destroyer	.30 .40
Kirke Sulphur Cartridge	.30 .40
Kirke Salt Cartridge	.10 .20
Kirke Sprinkling-Can Plant Food, 30c per box (12 tablets.)	



Lippincott's Productive Poultry Husbandry—By Harry R. Lewis, with 329 illustrations and 536 pages. Handsome cloth binding. Price, \$2.00, parcel post paid.

Lippincott's Productive Swine Husbandry—Relates to hog raising and feeding, etc., all clearly explained, by Geo. E. Day, 330 pages and 75 illustrations. Handsome cloth binding. Price, \$1.50, parcel post paid.

### Books for Poultry Raising.

Sent by parcel post on receipt of price. These books are both helpful and useful to the amateur.

### PROFIT BY EXPERIENCE OF OTHERS.

American Standard of Perfection, 1916	\$2.00
Artificial Incubating and Brooding—How to hatch and rear chicks, 92 pages. Price	.50
All About Broilers—M. K. Boyer	.50
Ducks and Geese—80 pages	.50
Eggs and Egg Farms	.50
How to Grow Chicks—McGrew	.25
Fanciers' Hand Book on Poultry, Etc.	.15
Pigeons, and All About Them—Gilbert	1.00
Poultry Houses and Fixtures	.50
Pocket Money Poultry—Noys	.50
Reliable Poultry Remedies	.50
Successful Poultry Keeping	1.00
The Egg Question Solved—McGrew	.25
Turkeys—Their Care and Management—Sewell	.75
The Feathers Up-to-date Poultry Houses	.25



# Brinly Steel Plows, Campbell Planters and Brinly Cultivating Tools

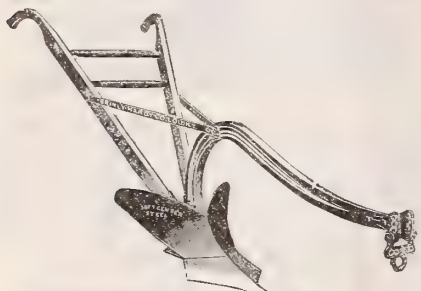


Brinly Mixed Land Plow

## Brinly Mixed Land Plow.

Made in Steel Beam Only

7-in.—One-horse .....	\$ 9.00
8-in.—Light two-horse .....	10.00
9-in.—Medium two-horse .....	11.50
10-in.—Full two-horse .....	15.00
12-in.—Large two-horse .....	17.00
14-in.—Three-horse .....	19.00

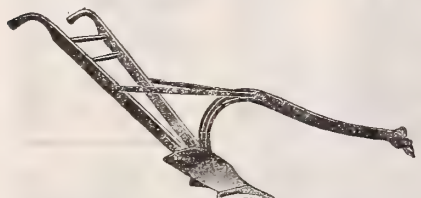


Brinly I'm It Middlebreaker

## Brinly I'm It Middlebreaker.

The Perfect Plow

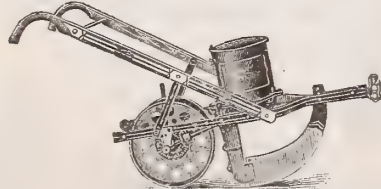
9-in. ....	\$17.00
10-in. ....	17.75
12-in. ....	19.00
14-in. ....	21.75
16-in. ....	23.00
18-in. ....	24.50
20-in. ....	26.00



Broncho Steel Beam One-Horse Plow

## Broncho Steel Plow—One-Horse.

7-in.—Wood beam .....	\$4.00
7-in.—Steel Beam .....	6.00



No. 17 Campbell Corn, Cotton, and Pea Planter

## No. 17 Campbell Planter.

Plants six different distances without change of plates. Has corn, cotton, pea and sorghum plates. Price.....\$15.50



Old Reliable Brinly Duckbill Plow

## Old Reliable Brinly Duckbill Plow

		Beam	
		Wood	Steel
Opal, 7-in., one-horse.....	\$ 6.50	\$ 8.00	
Gem, 8-in., one-horse.....	7.50	9.00	
Ruby, 8½-in., light 2-horse.	9.00	10.50	
Garnet, 9½-in., 2-horse....	10.50	12.00	

We Can Fill Any Orders

For

Brinly Plows  
and Implements

Send for

Complete Catalog



No. 34 Campbell Plantrite Planter

## No. 34 Campbell Plantrite Planter.

For cotton, corn, peas and sorghum. Has three corn plates, also cotton, pea and sorghum plates. Price, \$15.50.



Brinly Combination Plow

## Brinly Combination.

One-Horse Opal Turning Plow with 8-inch Old Series Middlebreaker, Sweep Foot and 16-inch Sweep .....

Light Two-Horse Ruby Plow with 10-inch Middlebreaker, Sweep Foot and 16-inch Sweep .....

Regular Two-Horse Garnet Plow with 12-inch Middlebreaker, Sweep Foot and 16-inch Sweep .....



Brinly Rastus Cultivator

## Brinly Rastus Cultivator.

The best and strongest one-horse cultivator made.

	Beam	Steel
Price with 2 sets blades....	\$6.00	\$6.75

Brinly Plows and Campbell Planters have been on the market since 1839. They have stood the test of time. They are the strongest, simplest in construction, most durable. You get more than your money's worth when you buy them.

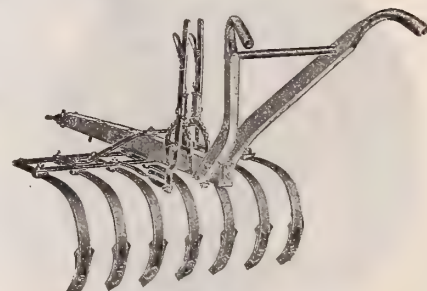


Brinly Sandy Land Middlebreaker.

## Brinly Sandy Land Middlebreaker

Steel Beam Only

8-in.,—One-horse .....	\$10.50
9-in.,—One-horse .....	10.75
10-in.,—Two-horse .....	11.00
12-in.,—Two-horse .....	11.50
14-in.,—Two-horse .....	13.50



Brinly Rufus Spring Tooth Cultivator

## Brinly Rufus Spring Tooth Cultivator.

	No Levers	With Levers
No. 1—7 Plain Tooth.....	\$5.50	\$6.50
No. 3—7 Tooth, Detachable Blades .....	6.25	7.25
No. 15—5 Plain Tooth.....	5.00	6.00
No. 35—5 Tooth, Detachable Blades .....	5.75	6.75

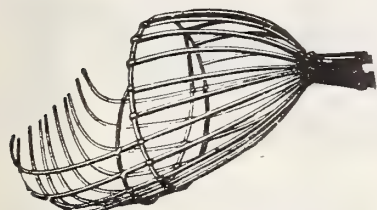


# Miscellaneous Garden Tools

On account of want of space, we are unable to list everything or describe those priced. Write us for what you want. Prices given do not include parcel post charges. If you wish any tools by parcel post, add extra funds for stamps.



Planters' Garden Hoe



Galvanized Wire Fruit Picker



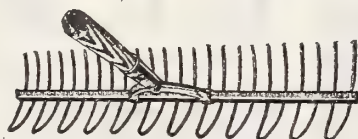
English Steel Transplanting Fork



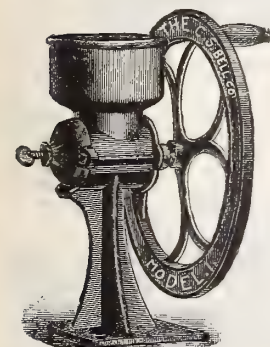
Corn Planter  
One-Hand Segment



Red Chief Grinding Mill



Wire Lawn Rake



Model No. 1 Grinding Mill



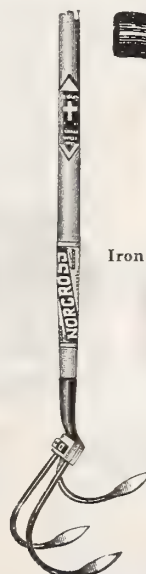
Grass Hook



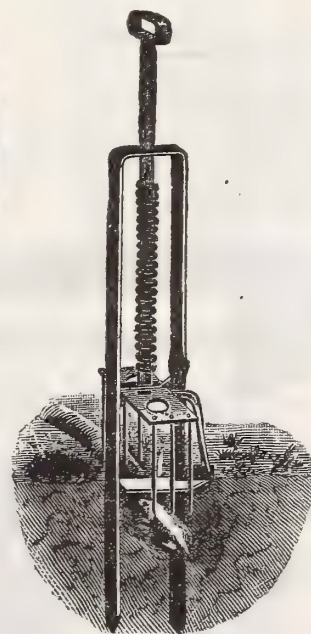
Warren Garden Hoe



Iron Dibber



3-Prong Garden  
Cultivator



Reddick Mole Trap

Asparagus Bunchers	Each	\$ 1.50
Asparagus Knife, Goodel	each	.50
Baskets, 1 bu., round stave	doz.	1.50
Baskets, 1/2 bu., round stave	doz.	1.50
Baskets, galvanized wire, 1 bu.	each	.50
Bush Hooks, with handle	each	.85
Corn Planters, two-hand, Acme	each	1.25
Corn Planters, one-hand, Segment	each	1.50
Fork, Transplanting, English Steel	each	.50
Fork, Transplanting, cast steel	each	.10
Fruit Pickers, galvanized wire	each	.75
Fruit Pickers, with 10-foot handle	each	1.00
Garden Hoe, cast steel, 6-inch	each	.45
Garden Hoe, cast steel, 7-inch	each	.55
Garden Hoe, Planters', 6-inch	each	.45
Garden Hoe, Planters', 7-inch	each	.55
Garden Hoe, Planters', 8-inch	each	.65
Garden Hoes, detachable, triangle	each	.60
Garden Hoes, Onion, 1 prong	each	.25
Garden Hoes, Onion, 2 prong	each	.40
Garden Hoe, Warren, 6-inch	each	.75
Garden Hoe and Rake, combined	each	.50
Garden Hoe, Ladies', steel, 5-inch	each	.40
Garden Hoe and Cultivator, No. 5	each	.35
Garden Hoe and Cultivator, No. 6	each	.50
Corn Shellers, hand, Black Hawk	each	2.50

Corn Huskers, hand, Rex	each	\$ .25
Calf Weaners, Shaw's Basket, small	each	.60
Calf Weaners, Shaw's Basket, medium	each	.70
Calf Weaners, Shaw's Basket, large	each	.80
Calf Weaners, Hoosier, prong	each	.50
Dibbers, Iron, for Transplanting	each	.50
Garden Set, Ladies', 3 pieces	set	1.25
Garden Rake, 10 teeth, steel	each	.60
Garden Rake, 12 teeth, steel	each	.70
Garden Rake, 14 teeth, steel	each	.85
Garden Reel, galvanized	each	1.00
Garden Cultivator, 5-prong	each	.85
Garden Cultivator, 3-prong	each	.55
Garden Cultivator, Midget	each	.35
Grass Hooks, Austrian steel	each	.50
Grass or Sheep Shears, Wilkinson's	each	1.00

Hay Fork, 3-prong	each	\$ .60
Hand Cabbage Cutter	each	.75
Hedge Shears, 8-inch	each	1.25
Hedge Shears, 9-inch	each	1.50
Lawn Rake, wire, double edge	each	.75
Lawn Rake, wood, Ole Olson	each	.75
Mole Trap, Reddick	each	1.00
Measures, wooden, 1 qt.	each	.15
Measures, wooden, 2 qt.	each	.20
Measures, wooden, 4 qt.	each	.20
Measures, wooden, 1 pk.	each	.25
Mills, Grinding, Red Chief	each	2.00
Mills, Grinding, Model No. 1	each	2.50
Mills, Grinding, Model No. 2	each	4.50
Mills, Grinding, Model No. 3	each	6.50



# Miscellaneous Garden Tools

Potato Planter, hand, Acme	each \$1.00
Potato Hook, 4-prong	each .90
Potato Picking Bag	each .60
Plant Setters, Masters'	each 4.00
Putty, English Glazing, 10-lb. can	each 2.00
Pruning or Lopping Shears	each, \$1.25 and 1.50
Pruning Shears, Ladies', nickeled	each 1.00
Pruning Shears, R 50	each .75
Pruners, Waters', 10-foot	each 1.50
Pruners, Favorite, Saw	each 1.50
Pruning Saw, No. 3, 12-inch	each .85
Pruning Saw, No. 3, 16-inch	each 1.00
Pruning Saw, No. 3, 18-inch	each 1.25
Pruning Saw, No. 3, 20-inch	each 1.40

## Trowels, Garden.

No. 210—6 -inch, Cast	each \$ .15
No. 211—6 -inch, English Steel	each .50
No. 211—4½ -inch, Berry Trowel	each .50
No. 212—6 -inch, Steel Trowels	each .25
No. 213—6 -inch, Forged Trowels	each .15
No. 216—6 -inch, Ladies' Floral Trowels	each .25
No. 217A Transplanting Hoe Trowel	each .50
No. 217—7 -inch, Transplanting Trowel	each .25
No. 220—Long-Handled Trowel	each .60
Tree Protectors, Veneer	per 100 1.50



No. R50  
Pruning  
Shears



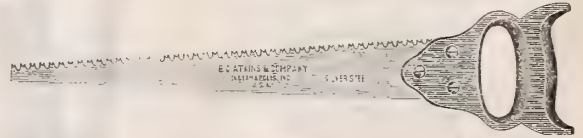
Standard  
Weather  
Thermometer



Ames'  
Best  
Spade



5-Prong Spading Fork



Duplex Pruning Saw

Weeders, Short, hand	each .15
Weeders, Excelsior, hand	each .25
Weeders, Eureka, hand	each .50
Weeders, Lang's, hand	each .25
Weeders, Hazeltine, hand	each .25
Weeders, Beet, hand	each .15
Weeders, Cleveland's Lawn	each .75
Weeders, Finch, Lawn Edging	each .75



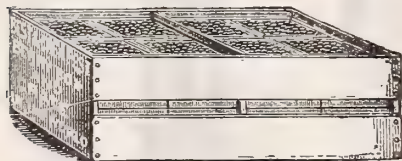
One-gallon Tomato or Peach Basket



Excelsior Hand Weeder

Raffia, for Weaving Hank	each .75
Root Cutter, Banner	each 3.00

Spades, Ames' Best	each 1.25
Spades, Bluff City	each 1.00
Spading Fork, 4-prong	each .85
Spading Fork, 5-prong, heavy	each 1.25
Spade, Pony, No. 5, for ladies	each .50
Scythe Blades	each 1.25
Scythe Handles	each .75
Scythe Stones, Indian Pond	each .15



Leslie Strawberry Boxes and Crate



American Style Quart  
Strawberry Box

Strawberry Boxes, K. D., Leslie	per 1000 \$4.50
Strawberry Boxes, American Style	per 1000 5.50
Strawberry Crates, K. D., Leslie	per 100 12.00
Strawberry Crates, American	per 100 16.00

Tomato Baskets, 1-gallon	per 100 1.50
Tomato Twine, Jute, 2-ply	per lb. .25
Thermometers, Standard, Weather	each .50

Weeder, Hall, Dandelion Puller	each .50
Wire Horse Muzzles, each, 15c	doz. 1.50
Wire Hen's Nest, each, 20c	doz. 2.00



Steel Garden Trowel

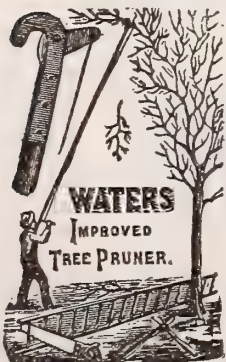
Wood Pot Labels, 4-inch	per 100 .40
Wood Pot Labels, 6-inch	per 100 .50
Wood Pot Labels, 8-inch	per 100 .75
Wood Pot Labels, 10-inch	per 100 1.00
Wood Pot Labels, 12-inch	per 100 1.50
Wood Tree Labels, wired	per 100 .50

NOTICE—Any small tools can be forwarded by parcel post. If you wish them sent in that manner, send extra money to cover stamps, as above prices are all f.o.b. Memphis.

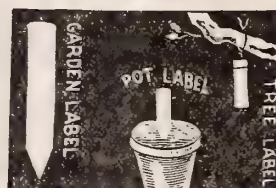
Otto Schwill & Co., Memphis, Tenn.

Gentlemen—Your Garden Seeds are the best I ever planted. Mail your 1917 catalogue when ready. Respectfully,

SAM'L H. TOLL.



No. 217A Hoe Transplanting Trowel



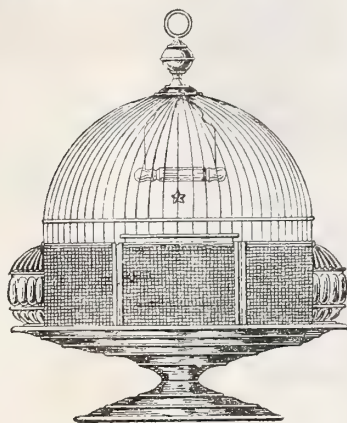
Veneer Tree  
Protector



# Canary Birds, Cages and Bird Supplies



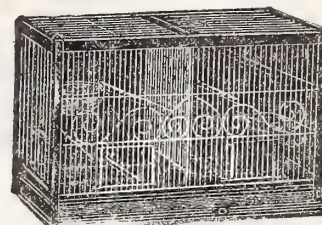
12-inch Brass Bird Cage Bracket



No. 275, Round Brass Bird Cage



Japanned Canary Bird Cage



Metal Breeding Bird Cage

## Hartz Mountain Canary Birds.

This is the most popular of all birds, as well as the most satisfactory songster. Each bird is tested and known to be in full song before leaving the store. Price, each, \$5.00 to \$10.00. Females, each, \$2.00 to \$4.00, f.o.b. Memphis at owner's risk. Canaries cannot be shipped in cold weather.

### Brass Canary Bird Cages.

No. 5000	Brass Cage, 8 1/4 x 5 1/2-in., each	\$1.20
No. 5000 DB	Brass Cage, 8 1/4 x 5 1/2-in., each	1.50
No. 5004	Brass Cage, 9 3/4 x 6 1/2-in., each	1.50
No. 5004 DB	Brass Cage, 9 3/4 x 6 1/2-in., each	1.75
No. 5006	Brass Cage, 10 3/4 x 7 1/2-in., each	1.90
No. 5006 DB	Brass Cage, 10 3/4 x 7 1/2-in., each	2.25
No. 5008	Brass Cage, 10 3/4 x 7 3/4-in., each	2.20
No. 5008 DB	Brass Cage, 10 3/4 x 7 3/4-in., each	2.75
No. 5010	Brass Cage, 13 x 8 1/2-in., each	2.50
No. 5010 DB	Brass Cage, 13 x 8 1/2-in., each	3.00
No. 275	Brass Round Cage, each	4.00

All Cages Marked DB have removable bottom for cleaning.

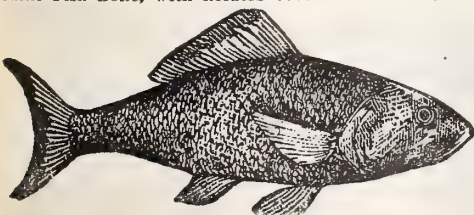
### Japanned Canary Bird Cages.

No. 165	New Style Japanned Cage, 9 1/4 x 6 1/2-in., each	\$ .90
No. 165 DB	New Style Japanned Cage, 9 1/4 x 6 1/2-in., each	1.15
No. 166	New Style Japanned Cage, 10 x 7-in., each	1.20
No. 166 DB	New Style Japanned Cage, 10 x 7-in., each	1.50
No. 167	New Style Japanned Cage, 11 x 7 1/2-in., each	1.40
No. 167 DB	New Style Japanned Cage, 11 x 7 1/2-in., each	1.75
No. 6 1/2	Fancy Round Cage, with seed guard	\$2.25

If Cages are wanted by parcel post, add 35c each for packing and postage.

### Bird Seed.

Canary Seed, mixed	1 lb., 15c; parcel post, \$ .25
Hemp Seed	1 lb., 10c; parcel post, .20
Millet Seed	1 lb., 10c; parcel post, .17
Rape Seed	1 lb., 15c; parcel post, .25
Sunflower Seed	1 lb., 15c; parcel post, .25
Spratt's Parrot Food	pkg., 15c; parcel post, .25
Mocking Bird Food, Defiance	box, 25c; parcel post, .35
Cuttle Fish Bone, 1 for 5c	1 lb., 50c; parcel post, .60
Cuttle Fish Bone, with holders	each, 10c; parcel post, .12



American Gold Fish

### Gold Fish.

American Gold Fish—The well known bright scarlet and gold color. Small, each, 10c; medium, each, 15c; large, each, 50c; tadpoles, each, 10c. Tin bucket for shipping, extra, 15c each.

### Gold Fish Bowls.

Glass Bowls—Made of clear glass, in following sizes—

1-Quart, each	\$ .25
2-Quart, each	.35
4-Quart, each	.60
2-Gallon, each	1.00
3-Gallon, each	1.50

These cannot be sent by parcel post, they must go by freight or express, at buyer's expense.

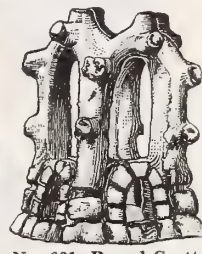
### Fish Food, Etc.

Natural Fish Food, pkg.	\$ .15
Wafer Fish Food, pkg.	.10
Cobomba Fish Moss	bundle, 15c; by mail, .20

## Gold Fish and Supplies



4-Quart Gold Fish Bowl



No. 631, Round Grotto Aquarium Ornament

### Footed or Standing Fish Globes.

These are raised up on a glass base and are handsomer than the ordinary fish globes.

1-Gallon size, each	\$1.25
2-Gallon size, each	2.25
3-Gallon size, each	3.00

Prices are packed f.o.b. Memphis.

### Aquarium Castles.

No. 612—Square Castle, each	\$ .50
No. 631—Round Grotto, each	.50
No. 571—German Castle, each	.35
No. 467—Plain Grotto, each	.35
No. 618—Arch Castle, each	.30
Other small ornaments at 25c and 35c each.	

NOTE—When ordering Birds or Gold Fish, kindly send cash with order. This class of merchandise is sold only on these terms.

### Gravel Paper.

For the bottoms of Bird Cages. 7 1/2 x 10-inch. Will fit any oblong Canary Cages. Per box, 12 sheets, 15c.

### Outside Bird Bath Houses.

Fits outside cage and does not permit bird to wet cage when bathing. Each, 35c. Price, by parcel post, 45c.

## Breeding Cages.

No. 86—Metal Breeding Cage, 20x10x14 ins.	\$2.75
No. 87—Metal Breeding Cage, 22x11x15 ins.	3.00
No. 88—Metal Breeding Cage, 24x12x16 ins.	3.50

If wanted by parcel post, add 35c for packing and postage.

## Philadelphia Bird Food.

These are all especially prepared for birds, and are of the very best quality. Our stocks are complete at all times, so your order can be filled promptly.

Phil. Bird Manna—The best tonic for Canaries; keeps them in good condition; helps moulting. Each, 15c; 2 for 25c, parcel post paid.

Phil. Mixed Canary Seed	pt. box, 15c; parcel post, \$ .25
Phil. Silver Gravel	pt. box, 10c; parcel post, .20
Phil. Red Gravel	pt. box, 10c; parcel post, .20
Phil. Bird Bitters	bottle, 25c; parcel post, .30
Phil. Bird Mite Exterminator	box, 25c; parcel post, .30
Phil. Bird Moulting Pepper	box, 25c; parcel post, .30
Phil. Bird Nestling Food	box, 25c; parcel post, .30
Phil. Bird Nestling Hair	box, 5c; parcel post, .10
Sterlingworth Bird Tonic	bottle, 25c; parcel post, .30

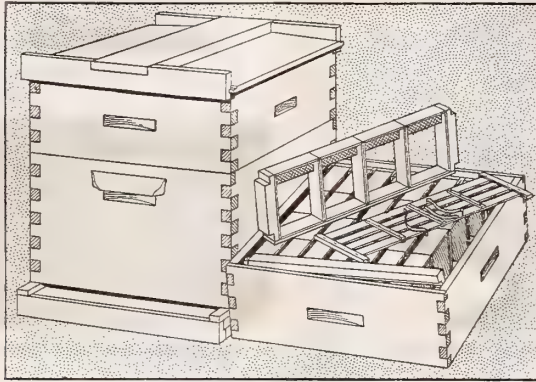
## Miscellaneous Bird Supplies.

Bird Cage Seed Cups, Opal or Glass	each, 10c; parcel post, \$ .15
Bird Cage Bath Cups	each, 10c; parcel post, .15
Bird Cage Brackets, brass, 12-in.	each, 25c; parcel post, .30
Bird Cage Brass Springs	each, 10c; parcel post, .12
Bird Cage Brass Chain with springs	each, 25c; parcel post, .30
Bird Cage Nests, Wire	each, 10c; parcel post, .15



# Bee Hives and Supplies

We carry a full line of the celebrated Lewis Bee Ware, manufactured by the G. B. Lewis Company, Watertown, Wisconsin, and furnish everything at factory prices, saving you freight and time. The following prices are f.o.b. Memphis.



## One and One-Half and Two-Story Hives.

For Comb Honey.

Including Section Boxes and Foundation Starters.

In Flat, including Nails.	1 Hive	5 Hives	10 Hives
1½ Story, 8 Frame	\$2.70	\$12.05	\$23.70
1½ Story, 10 Frame	2.87	12.80	25.10
2 Story, 8 Frame	3.60	16.05	31.60
2 Story, 10 Frame	3.87	17.15	33.60

## One and One-Half and Two-Story Hives.

For Comb Honey.

Not Including Section Boxes or Foundation Starters.

In Flat, including Nails.	1 Hive	5 Hives	10 Hives
1½ Story, 8 Frame	\$2.35	\$10.55	\$20.70
1½ Story, 10 Frame	2.47	11.20	21.90
2 Story, 8 Frame	3.00	13.30	26.10
2 Story, 10 Frame	3.25	14.20	27.80

NOTE—Hives for Comb Honey are always sent unless otherwise specified.

## One-Story Hives.

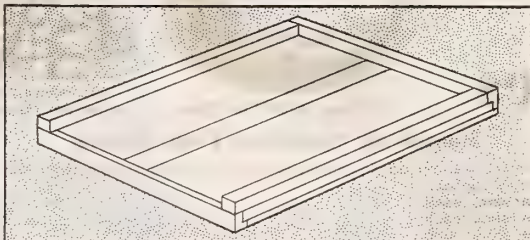
Including Foundation Starters.

In Flat, including Nails.	1 Hive	5 Hives	10 Hives
1 Story, 8 Frame	\$1.80	\$8.05	\$15.80
1 Story, 10 Frame	1.87	8.45	16.60

## One-Story Hives.

Not Including Foundation Starters.

In Flat, including Nails.	1 Hive	5 Hives	10 Hives
1 Story, 8 Frame	\$1.70	\$7.80	\$15.30
1 Story, 10 Frame	1.77	8.20	16.00



## Dovetailed Bodies.

When extra Bodies are wanted, the prices are as follows, including Brood Frames and Division Board and Metal Rabbets—

In Flat, including Nails.	1 Body	5 Bodies	10 Bodies
8 Frame	\$1.00	\$4.50	\$8.80
10 Frame	1.02	4.65	9.10
8 Frame, without inside fixtures	.57	2.60	5.00
10 Frame, without inside fixtures	.60	2.70	5.30

## Bottoms for Dovetailed Hives.

The Reversible Bottom.

In Flat, including Nails.	1 Bottom	5 Bottoms	10 Bot's
8 Frame	\$ .30	\$1.40	\$2.70
10 Frame	.32	1.50	2.90



No. 1 Regular Dovetailed Super.

## Dovetailed Comb Honey Supers.

The following prices are for No. 1 or Beeway Supers. No. 2 or Plain Supers, and No. 4 or Four by Five Supers cost 5c each extra.

Including Section Boxes and Foundation Starters.

In Flat, including Nails.	1 Super	5 Supers	10 Supers
8 Frame	\$ .90	\$4.00	\$7.90
10 Frame	1.00	4.35	8.50

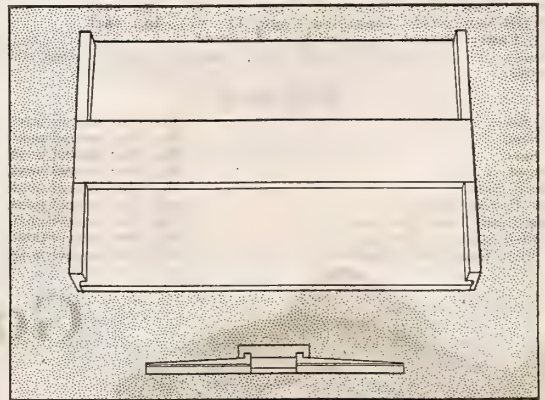
## Dovetailed Comb Honey Supers.

Not Including Section Boxes or Foundation Starters.

In Flat, including Nails.	1 Super	5 Supers	10 Supers
8 Frame	\$ .65	\$2.75	\$5.40
10 Frame	.70	3.00	5.90

## Empty Supers.

In Flat, including Nails.	1 Super	5 Supers	10 Supers
8 Frame	\$ .33	\$1.50	\$2.90
10 Frame	.35	1.55	3.00



## Covers for Hives.

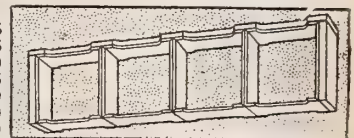
In Flat, including Nails.	1 Cover	5 Covers	10 Covers
8 Frame, Excelsior	\$ .40	\$1.90	\$3.80
10 Frame, Excelsior	.43	2.05	4.10
8 Frame, Metal Roof, Inner Cover	.62	3.00	6.00
10 Frame, Metal Roof, Inner Cover	.65	3.15	6.30

## Section Boxes.

We carry the following sizes in stock, all No. 1 grade. 4¼x1½, 2-Bee-way—4¼x1½, Plain. 4x5x1½, Plain—3½x5x1½, Plain.

Prices as follows.

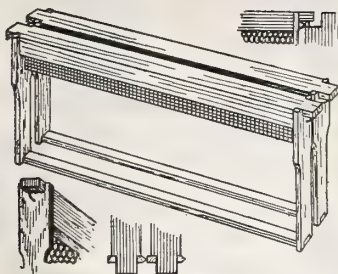
100	\$ .85
250	1.75
500	3.00
1000	5.75
2000	11.30
3000	16.20
4000	21.60
5000	25.75



Regular Two Beeway Section Boxes

By parcel post, add 25c per 100 for postage.  
Plain Sections, 25c per 1000 less.



**Brood Frames.****Self-Spacing Hoffman Frame.**

Prices, in Flat, including Nails.....10 Frames, 40c; 100 Frames, \$3.50

**Shallow Extracting Frames.**

Prices, in Flat, including Nails.....10 Frames, 30c; 100 Frames, \$2.70

**Queen Excluding Honey Boards.****Wood Bound Zinc Board.**

Prices as follows—	One	Ten
For 8 Frame Hive .....	\$ .41	\$3.80
For 10 Frame Hive .....	.47	4.20

**Unbound Zinc Board.**

Prices as follows—	One	Ten
8 Frame, 12x19½ .....	\$ .38	\$3.20
10 Frame, 14x19½ .....	.43	3.60

**Wood and Wire Boards.**

Prices as follows—	One	Ten
8 Frame, 13½x20 .....	\$ .48	\$4.50
10 Frame, 16 x20 .....	.53	5.00

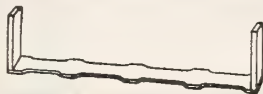
By parcel post, add 15c each for postage.

**Plain Division Boards.**

In Flat .....8c each; 5 for 35c; 10 for \$ .70

**Hive Stands.**

In Flat, including Nails.	1 Stand	5 Stands	10 Stands
8 Frame .....	\$ .17	\$ .75	\$1.50
10 Frame .....	.17	.75	1.50

**Section Holders.**

Prices—Slotted Section Holders .....	100, \$2.30
Plain Section Holders .....	100, 2.00

**Wood Separators.**

Prices—Slotted Sawed Wood Separators .....	100, \$1.20
Plain Sawed Wood Separators .....	100, 1.00

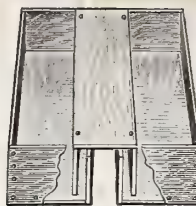
Used in No. 1 Super.

**Fence Separators.**

Price, any style, 100, \$2.30.

No. 2 or P Fence—Used in No. 2 or Plain Super. with plain section holders and plain 4¼x4¼x1½ sections.

S Fence—Used with Plain 4¼x4¼ sections in slotted section holders.

**Miller Feeder****Boardman Feeder****Simplicity Feeder****Price List of Feeders**

Alexander, complete .....	each, \$ .30;	for 10, \$2.70
Doolittle, nailed .....	each, .35;	for 10, 3.20
Doolittle, in flat .....	each, .25;	for 10, 2.30
Miller, nailed .....	each, .45;	for 10, 4.20
Miller, in flat .....	each, .20;	for 10, 3.20
Boardman, nailed .....	each, .35;	for 10, 1.90
Boardman, in flat .....	each, .16;	for 10, 1.50
Simplicity .....	each, .10;	for 10, .90
Thale's Vacuum Feeder .....	each, .45;	for 10, 4.00

By parcel post, add 15c each, extra.

**Comb Honey Shipping Cases.****Regular Style.**

In ordering, give full description as below.

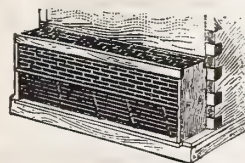
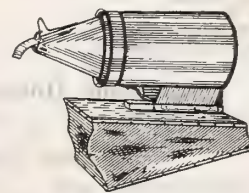
In Flat, with Nails, with 2-inch Glass.	10	100
24-lb., for 4¼x1½ sections .....	\$2.30	\$21.00
24-lb., for 4¼x1½ sections .....	2.20	20.00
24-lb., for 4 x5x1½ sections .....	2.10	19.00
24-lb., for 3½x5x1½ sections .....	2.00	19.00

**Comb Honey Shipping Cases.****New Safety Style.**

Complete in the Flat, including Nails, 2-inch Glass, Safety Cartons, corrugated paper lining and paper for bottom.

Size—Sections.	10	100
24-lb., for 4¼x1½ .....	\$3.40	\$32.00
24-lb., for 4¼x1½ .....	3.30	31.00
24-lb., for 4x5x1½ .....	3.30	31.00

Safety Cartons—For any above sizes Comb Honey Shipping Cases, 120 for 65c; 1,200 for \$6.00.

**Alley Queen and Drone Trap****Clark Bee Smoker****Alley's Queen and Drone Traps.****Perforated Zinc Style.**

Each .....50c; 10, \$4.50. By mail, 10c each extra

**Woven Wire Style.**

Each .....60c; 10, \$5.50. By mail, 15c each extra  
State if wanted for 8 or 10 frame hives.

**Bee Smokers.****Clark Smoker.**

Price, each .....55c; 3 for \$1.50. Postage, 15c each extra

**Bingham Smokers.**

Name	Size of Barrel	Each	By Mail
Doctor .....	3½-in.	\$ .85	\$1.00
Conqueror .....	3 -in.	.75	.90
Little Wonder .....	2½-in.	.50	.65
Smoke Engine .....	4 -in.	1.25	1.40

**The Cornell Smoker.**

	Each	By Mail
Jumbo Cornell .....	\$1.25	\$1.40
Standard Cornell .....	.85	1.00
Junior Cornell .....	.65	.80





Porter Bee Escape

**Porter Bee Escape.**

Price, each .....15c; per doz., postpaid, \$1.65

**Bee Escapes With Board.**

Price, each .....30c; or 10 for \$2.70

**Parker Foundation Fastener.**

Price, each .....35c; by mail, 45c



The Carlin Foundation Cutter



Parker Foundation Fastener

**The Carlin Foundation Cutter.**

Price, each .....20c; by mail, \$ .25

**Lewis Section Former.**

Price, each, \$1.15.

For 4¼x4¼ sections only. This is a simple device for folding together sections. If you do not use a large quantity of sections, this is the best former on the market and the price is low.

**Lewis Foundation Fastener.**

Price, each, \$1.15; by parcel post, \$1.40.

Without doubt the simplest and best device for the purpose ever offered to the bee keeper.

**Daisy Foundation Fastener.**

Price, with Lamp .....\$1.25; by parcel post, \$1.50

Price, without Lamp .....1.00; by parcel post, 1.25

Weight, without lamp, 5 pounds.

**Price List of Comb Foundation.**

	In Lots of			
	1-lb.	5-lb.	10-lb.	25-lb.
	Per lb.	Per lb.	Per lb.	Per lb.
Medium Brood .....	\$ .65	\$ .60	\$ .58	\$ .56
Light Brood .....	.65	.62	.60	.58
Thin Surplus .....	.70	.67	.65	.63
Extra Thin Surplus .....	.75	.70	.68	.66

Foundations by mail, 10c per lb. additional for postage.

Size and Sheets per pound.

Medium Brood .....	size 16½x7¾, Sheets 7 to 8
Light Brood .....	size 16½x7¾, Sheets 9 to 10
Thin Surplus .....	size 16½x3¾, Sheets 28
Extra Thin Surplus .....	size 16½x3¾, Sheets 32

**Section Holder Nailing Form.**

Price, each .....60c; by parcel post, \$ .75

**Frame Wedge Driver.**

For Hoffman Frames, each.....80c; by parcel post, \$1.00

**Rauchfuss Foundation Cutting Box.**

This box will hold about forty sheets of Surplus Foundation and with use of corrugated edge knife, which is included, the whole lot may be perfectly cut at one time. Price, each, complete, 90c; by parcel post, \$1.10.

**Bee Books.**

The A, B, C, and X, Y, Z of Bee Culture—Price, \$2.50; by parcel post, \$2.75.

The latest edition. This book has just been thoroughly revised. More matter has been added, so that it is now a veritable cyclopedia of bee keeping, containing nearly 600 pages.

Langstroth on Honey Bees .....price, \$1.00

First Lessons in Bee Keeping .....price, .50

**Price List Metal Parts for Hives.**

T tins 14 inches long or under .....per 100, \$1.20

T tins, over 14 inches, and to 16 inches .....per 100, 1.40

Flat tins, 14 inches long or under .....per 100, .50

Tin rabbets same price as T tins.

Bee Entrance Guard—Perforated zinc style. Each, 20c; 10, \$1.80. By parcel post, 5c each extra.

Super Springs—Price of extra springs, 1c each; 75c per 100; \$6.00 per 1000.

Frame Spacing Staples—Per lb., 20c; 5 lbs. for 90c. By parcel post, add 10c per lb.

Hive Hooks—With screws, per pair, 4c; 10 pairs, 25c. No screws, 10 pairs, 20c. By mail, 2c per pair extra.

**Fine Cement-Coated Wire Finish Nails, in Bulk.**

Style.	Length.	1-lb.	5-lb.	10-lb.
4d,	1½-inch	\$.10	\$.45	\$.90
6d,	2 -inch	.10	.45	.90
8d,	2½-inch	.10	.45	.90

**Price List of Tinned Wire.**

¼-lb. Spools .....	each, \$ .15; postage paid, \$ .20
½-lb. Spools .....	each, .20; postage paid, .25
1-lb. Spools .....	each, .32; postage paid, .40
5-lb. Coils .....	each, 1.25; postage paid, 1.40



Canvas Bee Gloves

**Bee Gloves.**

Bee Gloves—Canvas, large, medium or small. Per pair, 50c; by mail, 60c.

**Bee Hat.**

Bee Hat—With flexible rim. Each, 30c. By mail, 45c.

**Bee Veils.**

Mosquito Bar .....	each, \$ .30
Cotton, with Silk Face.....	each, .70
All Cotton .....	each, .60
All Silk .....	each, 1.00

By mail, 10c extra.

Globe Bee Veil—Sent by mail for \$1.00. Extra Nets, 70c each.

**Honey Knives.**

Honey Knife

Bingham's Uncapping Knife—Standard length, each, 70c. By mail 80c.

Extra long, each, 80c. By mail, 90c.

Nickel Hive Tool—A handy tool to use as a scraper or pry. Price, 40c; by mail, 50c.

**Honey Extractors.**

No. 5, Novice .....	each, \$13.00
No. 15, Cowan .....	each, 17.00
No. 25, Automatic .....	each, 36.00

**Handy Section Press.**

Price, each .....50c; by mail, 65c

**Hive Scrapers.**

Price, each .....15c; by mail, 20c

**Manum's Swarm Catcher.**

Price, each .....with pole, \$1.65; without pole, \$1.25

**West's Queen Cell Protector.**

Price, each, 5c; 10, 40c; 100, \$3.50. Postage 1c each extra.

Spiral Cages, each, 10c; 10, 70c; 100, \$6.00. Postage 1c each extra.



Spur Wire Imbedder .....each, 25c; by mail, 35c

Van Deusen Wax Tube Fastener .....each, 25c; by mail, 30c



The German Bee Brush .....each, 25c; by mail, 30c

The Dixie Bee Brush .....each, 15c; by mail, 20c

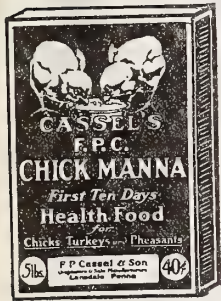




# Poultry Supply Department

The largest in the South. We handle only the very best, and at reasonable prices. Only supplies of known merit are here offered to our customers, those that have been thoroughly tested and proven.

Prices subject to important market changes, and are those ruling at this time; therefore canceling all previous quotations. Transportation charges to be paid by purchaser, except where marked postpaid.



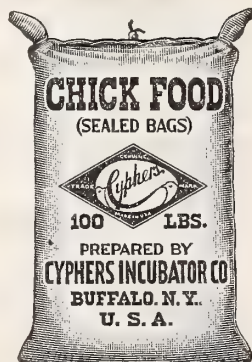
## Baby Chick Feed.

There is nothing more important for success in raising chicks than the right kind of feed. Our special brands are all of the best quality.

**F. P. C. Chick Manna**—A food that has merited the praise and admiration of poultry keepers, comprising a variety of nutritious food and health preserving properties so proportioned and combined as to be peculiarly adapted to promote health, quick growth and strong development. Chicks when first hatched need no food for at least from twelve to twenty-four hours. Chick Manna should be the first food and exclusively fed for ten days. 1 lb. pkg., 10c; 3 lb. pkg., 25c; 5 lb. pkg., 40c; 15 lb. pkg., \$1.10. By parcel post, 1 lb. pkg., 20c; 3 lb. pkg., 40c; 5 lb. pkg., 60c; 15 lb. pkg., \$1.50.

**Pratt's Baby Chick Feed**—A superlative mixed feed for Baby Chicks. Contains only such grains that are easily digested. This is one of the most scientifically mixed baby chick feeds on the market. 3 lb. box, 25c; 6½ lb. box, 50c; 14 lb., \$1.00; 100 lb. for \$6.00. By parcel post, 3 lb. box, 40c; 6½ lb. box, 70c.

**Manna Rice, Special Baby Chick Feed**—A splendid combination of cracked rice, cracked wheat, kaffir corn, millet, etc. Contains no corn whatever. 8 1/3 lb., 25c; 25 lb., 75c; 100 lb., \$2.75. By parcel post, 8 1/3 lb., 45c.



**Chamberlain's Perfect Chick Feed**—The original dry feed for baby chicks, made without any corn, avoids bowel trouble and many other diseases caused by improper feed. Contains all the meat, bone, charcoal, grit, oatmeal, etc., necessary for the successful raising of baby chicks, thus making it unnecessary to feed them anything else. 6 lb. carton, 25c; 50 lb. bag, \$1.75; 100 lb. bag, \$3.00. By parcel post, 6 lb. carton, 45c.

**Red Comb Coarse Chick Feed**—A developing food composed of cracked grains and seed of the highest quality and especially adapted to the growing period, and when used insures a strong and rapid growth. 6 lb., 25c; 25 lb., 75c; 100 lb., \$2.90. By parcel post, 6 lb., 45c.

**Red Comb Baby Chick Milk Mash**—A milk substitute. Made with the utmost care from dried milk, barley meal, locust bean meal, bone meal, rice polish, flax seed meal, and a dozen other needful grains and herbs ground to the proper constituency. Red Comb brand Poultry and Chick Feeds are always dependable. Don't fail to use the new Milk Mash on your chicks this spring. 5 lb., 25c; 25 lb., \$1.00; 100 lb., \$3.75. By parcel post, 5 lb., 40c.

**Blatchford's Milk Mash For Chicks**—Made of milk and milk substitute; makes mammoth chicks, healthy and strong, a positive preventive against bowel trouble in chicks, which is one of the worst causes of loss in chick raising. A perfect milk substitute with a combination of barley meal, corn meal, oat meal, beef scraps and fish for feeding chicks from the start. 4 lb., 25c; 25 lb., \$1.25; 100 lb., \$4.00. By parcel post, 4 lb. carton, 40c.

**Cyphers Chick Feed**—A complete, scientifically compounded food for young chicks. A mixture of many different grains and seeds. 6 lb., 25c; 25 lb., 85c; 100 lb., \$3.00. By parcel post, 6 lb., 45c.

**Conkey's Buttermilk Starting Food For Chicks**—A ready-prepared food for Baby Chicks, Turkeys, Ducks, Guineas, Etc. Feed according to directions. You will raise 90 per cent. of those hatched. It is a special starting feed and will avoid much trouble in raising the flock. 1 lb., 10c; 3 lb., 25c; 6½ lb., 50c; 14 lb., \$1.00; 100 lb., \$6.50. By parcel post, 1 lb., 20c; 3 lb., 40c; 6½ lb., 70c; 14 lb., \$1.30.

**Red Comb Fine Chick Feed**—Composed of cracked grains, seeds and charcoal. Especially suited to the tender digestive organs of the little chick. Made without grit. 6 lb., 25c; 25 lb., 85c; 100 lb., \$3.00. By parcel post, 6 lb., 45c.

**Spratt's Chicgrain (Rackham's Formula)**—A perfectly balanced semi-cooked partly malted grain, insect and vegetable ration, easily digested and highly nutritious. 3 lb. box, 25c; 10 lb. sack, 80c; 25 lb. sack, \$2.00. By parcel post, 3 lb. box, 45c; 10 lb. sack, \$1.05.

**Spratt's Chick Meal**—Should be fed to the little chicks from the time they are 30 to 36 hours old. It is easily digested and it will give the young birds a start in life that no other food will. 2 lb. cartons, 25c; 10 lb. bag, \$1.00; 25 lb., \$2.25. By parcel post, 2 lb. cartons, 35c; 10 lb. bag, \$1.30.



# Poultry Food, Dry Mash, Etc.

We do not handle the cheap, low grade mixed feeds. "Quality counts" and the successful poultryman well knows it pays to feed the best. Results is what you want, and that only can be obtained by feeding to your poultry good, sound, clean, sweet grains. Give our goods a trial.

## Red Comb Poultry Feed.



The Red Comb Feeds are extra select quality; they contain no grit or shell to make weight; try them and you will use no other.

**Red Comb Mixed Poultry Food**—Composed of choice grains, seeds and charcoal. A clean, bright, balanced ration for general use. As a scratch feed is unequalled. Made without grit and shells. 8 lb., 25c; 25 lb., 75c; 100 lb., \$2.75. By parcel post, 8 lb., 50c.

**Schwill's Crescent Chicken Feed**—Compounded from good, sweet, clean grains only, a perfectly balanced egg ration, suitable for feeding the year round, thus insuring a healthy, hardy flock of birds. 100 lb., \$2.50; 500 lb., \$12.00.

**Red Comb Meat Mash**—This is the great egg producer. A mash feed prepared expressly for egg production, being very rich in egg-making elements. This mash is unsurpassed as a winter egg-maker. It is the most wonderful feed in the world for making hens lay in cold weather. 8 lb., 25c; 25 lb., 75c; 50 lb., \$1.25; 100 lb., \$2.50. By parcel post, 8 lb., 50c.

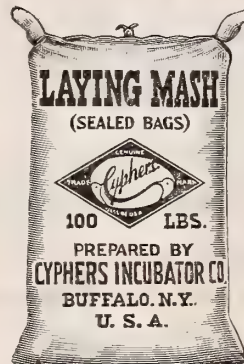
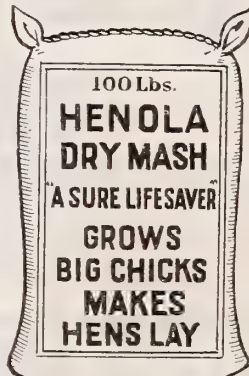


**Cyphers Laying Egg Mash**—A complete mash food. Strong in albumen and egg-making properties. 8 lb., 25c; 25 lb., 75c; 100 lb. \$2.75. By parcel post, 8 lb., 50c.

**Gluten Meal**—For making poultry food mash. Nothing superior to Gluten Meal for this purpose, supplying the necessary element in making mixture. Recommended by the Maine Experimental Station. We have it pure. 5 lb., 25c; 25 lb., 75c; 100 lb., \$3.00. By parcel post, 5 lb., 40c.

**Linseed Meal**—A little of this occasionally mixed with soft feed will prove of great benefit, especially if a rich, glossy plumage is desired. 5 lb., 25c; 25 lb., \$1.00; 100 lb., \$3.00. By parcel post, 5 lb., 40c.

**Rolled Oats**—A valuable food for both adult fowl and growing chicks. 3 lb., 25c; 25 lb., \$1.50; 100 lb., \$5.50. By parcel post, 3 lb., 40c.



**Hen-O-La Dry Mash**—A complete balanced ration, especially fine for feeding baby chicks. Hen-O-La beats all mashes for chicks, because it's ground fine and prevents them from getting crop-bound and other diseases. The five nutrients are protein, fat, carbohydrates, phosphorous and lime, and these you get in the celebrated Hen-O-La Mash. Feed it dry, no beef scrap, or charcoal needed, our experiments the past season with Hen-O-La were more than satisfactory. Many customers' reports were fine. Take our word for it, use Hen-O-La Mash, both for baby chicks and grown fowls, feed it dry from any good hopper, one quart to twelve hens, one-half pint to twelve baby chicks twice a day. Price, 8 lb., 25c; 50 lb., \$1.50; 100 lb., \$3.00. By parcel post, 8 lb., 50c.

**Blatchford's Fill the Basket Egg Mash Feed**—A combination of dry milk, bran, alfalfa, corn meal, barley meal, oat meal, oil meal, beef scraps and pepper, and will simply force hens to lay. Must be used dry, just as it comes from the bag. Keep before the birds at all times, in connection giving them a good scratch feed, and it will make your hens shell out the eggs. 5 lb., 25c; 25 lb., \$1.00; 100 lb., \$3.25. By parcel post, 5 lb., 40c.

**Emerald Green Alfalfa Clover Meal**—Is as green as grass, and when mixed in mash feed is one of the greatest egg producers known. It supplies your hens with egg-making material, and your eggs will be fertile and your chicks strong. 5 lb., 25c; 50 lb., \$1.25; 100 lb., \$2.25. By parcel post, 5 lb., 40c.

**Pound Squab Pigeon Feed**—Composed of the very best hard red winter wheat, hemp, Canadian peas and other grains and seeds of equal quality. It is very strong in muscle and bone-making elements and is so perfectly balanced that no organism is neglected. Contains no corn whatever. 6 lb., 25c; 25 lb., 90c; 100 lb., \$3.50. By parcel post, 6 lb., 45c.

**Steel Cut Oats**—Cut fine for small chicks. Excellent for mixture 4 lb., 25c; 20 lb., \$1.00; 100 lb., \$4.50. Parcel post, 4 lb., 40c.

**Cyphers Developing Food**—A special food intended for properly maturing young chicks after they are ready to be weaned from chick feed. 6 lb., 25c; 25 lb., 75c; 100 lb., \$2.90. By parcel post, 6 lb., 45c.

## Miscellaneous Poultry Grains.

Buckwheat	5 lb., 25c; 100 lb., \$4.50; parcel post, 5 lb., 40c
Corn Chop, sifted	6 lb., 25c; 100 lb., 2.50; parcel post, 6 lb., 45c
Cracked Wheat	3 lb., 25c; 25 lb., 1.75; parcel post, 3 lb., 35c
Hemp Seed	3 lb., 25c; 100 lb., 7.50; parcel post, 3 lb., 35c
Millet Seed	5 lb., 25c; 100 lb., 4.50; parcel post, 5 lb., 40c
Wheat, Red	8 lb., 35c; 100 lb., 4.00; parcel post, 8 lb., 55c
Wheat, Shorts	10 lb., 35c; 100 lb., 2.25; parcel post, 10 lb., 60c
Wheat Bran	10 lb., 25c; 100 lb., 2.00; parcel post, 10 lb., 50c
Sunflower Seed	5 lb., 40c; 25 lb., 2.25; parcel post, 5 lb., 55c
Kaffir Corn	10 lb., 35c; 100 lb., 3.00; parcel post, 10 lb., 50c

## Poultry Raisers.

Wanting round lots of mixed hen feed, laying mash or baby chick feed, write us for special prices, stating quantities.

**Canada Field Peas**—A valuable food for all kinds of pigeons. 4 lb., 30c; 10 lb., 70c; 25 lb., \$1.50; 100 lb., \$5.75. By parcel post, 4 lb., 45c; 10 lb., 95c.

## Germo Magic Cholérine.

**Germo Magic Cholérine**—A vegetable compound for poultry; put in drinking water, will cure and prevent chicken pox and keep poultry in good condition. Price, 50c per bottle. Cannot be mailed.

## Perfecto Spiral Leg Bands.

Made in six different colors; easily applied; they slip on like a key ring; will not lose off nor can the fowls remove them. Be sure to mention breed of your chickens when ordering, as the bands come in several sizes as well as different colors.

Single Coil Spiral Bands	doz. \$ .20; parcel post \$ .25
Single Coil Spiral Bands	for 50 .60; parcel post .65
Single Coil Spiral Bands	for 100 1.00; parcel post 1.10
Baby Chick Spiral Bands	doz. .15; parcel post .20
Baby Chick Spiral Bands	for 50 .50; parcel post .55
Baby Chick Spiral Bands	for 100 .75; parcel post .85





# Beef Scrap, Bone Meal, Etc.

**Granulated Bone**—is especially valuable as an egg-shell producer. Promotes strong, healthy growth of the bones in young chickens. Prevents leg weakness. Mix a little in soft feed. Coarse for hens, 5 lb., 25c; 25 lb., 90c; 100 lb., \$3.25. Fine for chicks, 5 lb., 25c; 25 lb., \$1.00; 100 lb., \$3.25. By parcel post, 5 lb., 40c.

**Darling's Meat Crisps**—Unequaled for growing chicks and laying hens. Contains 75% protein. We have them in original packages. Fine or coarse ground, 3 lb. package, 25c. By parcel post, 35c. 6½ lb. package, 50c. By parcel post, 65c.

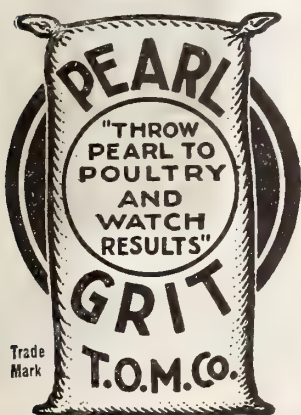
**Darling's Blood Meal**—4 lb., 25c; 25 lb., \$1.25; 100 lb., \$4.50. By parcel post, 4 lb., 40c.

**Armour's Meat Meal** (known also as Digester Tankage)—Especially prepared for feeding hogs and animals. High in protein, producing muscle and sturdy growth. Price, 100 lb., \$3.25.

## Grit For Poultry.

**Poultry Grit**—Grit is as essential for poultry as food, as without it they cannot digest the food. Poultry will starve to death with full crop for no other reason than they have no teeth with which to grind the food into proper consistency. Grit should be fed in hoppers or boxes. Hen size, 10 lb., 25c; 100 lb., 90c. Chick size, 10 lb., 25c; 100 lb., 90c. By parcel post, 10 lb. carton, 45c.

**Crys-Co Grit and Shell Producer**—In buying Crys-Co you get a shell producer and grit combined. 10 lb., 25c; 50 lb., 75c; 100 lb., \$1.00. By parcel post, 10 lb., 45c.



**Hen-E-Ta Bone Grits**—Will make hens lay; just right for chicks; no other bone or grits needed. 100 lb. bag, \$2.50; 50 lb. bag, \$1.50; 6 lb., 25c. By parcel post, 6 lb., 40c.

**Wehe's Digestible Bone, Egg and Shell Producer**—Perfects digestion, cures and prevents disease. 10 lb., 25c; 100 lb. sack, \$2.00. By parcel post, 10 lb., 45c.

**Red Cross Baby Chick Grit**—Nothing is more essential in rearing baby chicks. Don't fail to have it on hand, and see that it is kept before them regularly. Price, 4 lb., 25c; 25 lb., 75c; 100 lb., \$2.25. By parcel post, 4 lb., 35c;

**Red Cross Pigeon Grit**—Especially for pigeons. A tonic and grit combined. Pigeon fanciers say it's the best preparation of its kind. 5 lb., 25c; 50 lb., \$1.25; 100 lb., \$2.00. By parcel post, 5 lb., 40c.

## MUSTARD == FOR == POULTRY



**French's Poultry Mustard**—Can be used at any season, being an excellent tonic; increases egg production, adds to the fertility and keeps the birds in excellent health and condition. It is not in any way injurious like other condiments. If you want plenty of eggs in the winter and if you want fertile eggs in the spring, try French's Mustard for Poultry.

1½ lb. box	.....\$ .35	By parcel post	\$ .45
3 lb. box	.....	By parcel post	.80
5 lb. box	.....	By parcel post	1.25
10 lb. box	.....	By parcel post	2.20
25 lb. pail	.....		4.50



Blatchford's Calf Meal

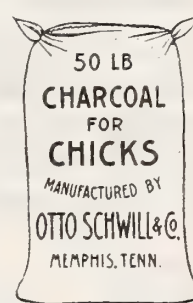
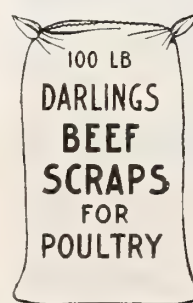


**Blatchford's Calf Meal**—Perfect Milk Substitute. Will raise veal calves at one-third to one-quarter the expense of feeding milk. Raises better calves and saves the milk. You can't afford not to use it. Used and indorsed by experimental stations and farmers all over the world. It is absolutely the only milk substitute that contains all the elements necessary for bodily growth in the correct proportions. Makes 100 gallons of Perfect Milk Substitute. Full directions with every bag. Price, 25 lb., \$1.25; 50 lb., \$2.00; 100 lb., \$4.00.

**Blatchford's Pig Meal**—Your little pigs will wean easily, quickly and safely on Blatchford's Perfect Milk Meal. It will also keep them growing steadily and rapidly, develops bone and muscle. You will seldom find a runt in a litter of Blatchford's Pig Meal weaned pigs, 25 lb. sack, \$1.25.

**Charcoal**—If you want healthy chickens, rugged, growing stock with bright, healthy plumage, birds that will fatten easily and well, and entire freedom from sour crops and indigestion with laying stock, feed Charcoal. Keep it before them all the time, and also feed in the mixed grain. Nothing equals it as a disease preventive. Made in 3 sizes, coarse for hens, medium for pigeons, fine for baby chicks. Price, 2 lb. carton, 10c; 25 lb., 75c; 50 lb., \$1.25; 100 lb., \$2.25. By parcel post, 2 lb. carton, 20c.

**Hog Charcoal**—Small pieces of Charcoal especially made for hogs. Charcoal aids digestion, purifies the blood and keeps hogs from dreaded Cholera. Try a bag and watch the benefits. Price, 50 lb. bag, \$1.00; 10 bags, \$8.00. F. O. B. Memphis.



**Darling's Beef Scraps**—For success with poultry, it is absolutely necessary to give them plenty of animal food in the winter, to take the place of insects, etc., which they get during the summer. Feed mixed with meal or bran, at the rate of one-fourth pound of beef scraps per day to a dozen hens. 6 lb., 25c; 25 lb., 90c; 50 lb., \$1.75; 100 lb., \$3.50. By parcel post, 6 lb., 45c.

**Ground Oyster Shells**—Every poultryman realizes the importance of crushed oyster shells as an egg-shell maker and promoter of good health. Every pound of oyster shells offered by us is especially prepared for feeding poultry. Use oyster shell freely. It is good for chickens, old or young. Coarse for hens, 10 lb., 25c; 50 lb., 60c; 100 lb., 85c. Fine for chicks, 10 lb., 25c; 50 lb., 60c; 100 lb., 90c. By parcel post, 10 lb. carton, 45c.

**Peerless Brand Oyster Shell**—Extra quality. Hen size, 100 lb., \$1.00.

## FEED FOR LAYING HENS

To make hens lay abundantly, use Red Comb and Scratching Grains well. Throw the feed among loose hay to compel exercise and prevent excessive fatness. Vary the feed occasionally. Feed some beef scraps twice a week when fowls cannot find earth worms. Also some green stuff regularly. Provide plenty of coarse grit. Keep vermin away.

Keep Red Comb Meat Mash and Bran before them. Feed it in hoppers made for the purpose. Give them coarse charcoal and crushed oyster shell. Watch the droppings. If they are not according to nature, get Rust's Climax Powder and feed as directed. Our Magic Cholera is also one of the best preventives of poultry diseases.



## Cooper's Medico.

SAVE MONEY

SAVE YOUR STOCK



Cheapest and most concentrated worm destroyer and tonic on world's market. A \$1.00 package will make seventy-five pounds and only costs \$1.00. Will last 75 sheep or 75 hogs for 60 days. stop paying fancy prices for worm destroyer—make it yourself at home with Medico and pocket the difference. Price of Medico, per 5 lb. package, \$1.00. By parcel post, \$1.15.

Blackman's Medicated Salt Brick—As its name implies. it is in brick shape, made of purest salt and medicine necessary for treatment of diseases for which it is intended. By this simple plan they take their medicine. Price, per brick, 25c; 5 bricks, \$1.00. By parcel post, per brick, 40c; 5 bricks, \$1.50. Holders, each, 25c. By parcel post, 35c.

Avenarius Carbolineum—Vermicide, germicide and fungicide. Insures complete riddance from lice and mites in poultry houses. One application a year keeps vermin away permanently; 36 years' experience demonstrates this. Qt., 50c; gal., \$1.50.

Sulphur Fumigating Candles—A safe and effective fumigator. Moisture is given off with the gas, producing sulphurous-acid gas, which is essential to thorough fumigation. Easily lighted and a sure burner. Each, 15c. By mail, 20c.

Antikohl Hog Powder—A scientific cure and preventative of Hog Cholera, highly concentrated; acts quickly. Antikohl is worth its weight in gold to hog raisers. Price, per can, 75c; 6 cans, \$4.00. By parcel post, can, 85c.

Austin's Pyrotone—Sure death to lice and mites. Acts as a preventative as well as a cure. Price, large bottle, 75c; by express only. Cannot be mailed.

Germo Magic Cholerine—A vegetable compound for poultry; put in drinking water, will cure and prevent cholera chicken pox and keep poultry in good condition. Price, 50c per bottle; gallon jugs, \$2.50 each. Cannot be mailed.

Germo Disinfectant—The most wonderful insect and germ killer. Will not stain. Fine for poultry or household. Qt., 50c; 2 qts., 75c. All F. O. B. Memphis. Cannot be mailed.

Sal Vet—Destroys worms in Hogs, Sheep, Horses and Cattle. Simply put Sal Vet in the animal's troughs, or give it to them in their feed. Send for circulars.

10 lb. box	.....\$ .75	By parcel post \$1.00
20 lb. box	.....1.25	By parcel post 1.65
40 lb. box	.....2.25	Cannot be mailed.
100 lb. keg	.....5.00	Cannot be mailed.



O. K. Poultry Litter



O. K. Poultry Litter—A perfect scratching material. Superior to straw, alfalfa meal, etc. A deodorizer, absorbent disinfectant and labor-saving litter. It absorbs all the moisture from droppings. Will last for several months in your brooder or poultry house. Try O. K. Litter once and you will never be without it. Circulars mailed free. Price, 5 lb., 25c; 20 lb., 90c; 100 lb., \$4.00. By parcel post, 20 lb., \$1.30.

## Licene

Licene will destroy every louse and "nit" on your chickens, usually keeping them free from lice for six months. Per tube, 50c. By parcel post, 5c extra.

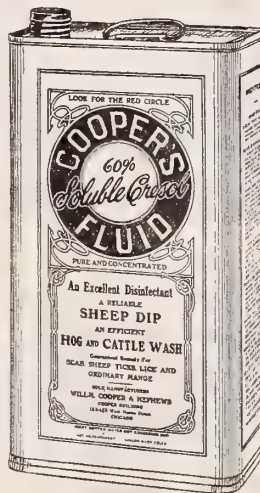
Diarrhene—Prevents and cures White Diarrhoea in baby chicks. Reaches the very seat of this dreaded trouble, and is absolutely a sure and safe remedy. Price, 50c, parcel post paid.

## Pipene

One application cures the worst case of Roup. It is safer than all the other Roup powders, which are given in the water, as Pipene is injected in the nostrils from inside the mouth and one treatment effects a sure cure. Price, 50c, parcel post paid.

## Coldene

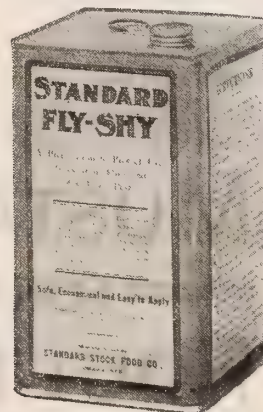
Used for ordinary colds, for Bronchitis, Pneumonia, and for extreme cases of Roup. Coldene is used in connection with Pipene. Price, 50c, parcel post paid.



Cooper's Fluid Dip and Disinfectant—A perfect sheep and hog dip, cattle wash, etc. Officially approved by the United States Government. It is of higher concentration and goes further than any other dip in dilution, therefore, making it cheaper. One gallon of Cooper's Dip will make one hundred gallons of effective solution. Be sure it is Cooper's, then dip. Prices, 4 oz. bot., 25c; qt. can, 60c; ½ gal., \$1.00; gal., \$1.75; 5 gal. can, \$8.50.

Standard Stock Dip and Disinfectant—One of the very best Stock and Hog Dips on the market. One gallon makes 60 gallons of strong dip by mixing with water. Price, 1 gal., \$1.25; 5 gal., \$4.90.

Fly Knocker, Conkey's—Keeps flies off cattle, etc., in the Summer time. Applied with sprayer or sponge. Price, qt., 35c; ½ gal., 60c; gal., \$1.00.



Standard Fly Shy—Absolutely one of the very best fly chasers on the market. Lasts longer, therefore, more effective. It can be used as a deodorizer and disinfectant. Price, qt., 35c; ½ gal., 60c; 1 gal., \$1.00.

Cow Ease—Keeps off flies. Gives cows a chance to feed in peace. Repellent to lice, good for barn or cattle itch. Does not gum the hair, increases the flow of milk, good for spraying hogs. In fact Cow Ease is one of the best preparations of its kind on the market. Qt., 35c; gal., \$1.00; 5 gal., \$4.50. Cow Ease Sprayers, each, 50c.

Zenoleum—Not dangerous to human beings and live stock, but sure death to insects and parasites. Invaluable as a remedy for poultry and live stock diseases; for disinfecting incubators, etc. 8 ozs., 25c; qt., 50c; ½ gal., 90c; gal., \$1.50; 5 gals., \$6.25. (Not mailable).



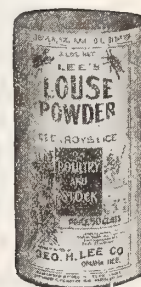
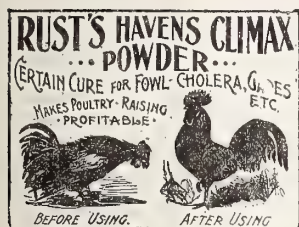
# Poultry Remedies and Egg Producers

We carry a complete stock of all the best preparations. These prices are f. o. b. Memphis, except where priced by parcel post; also please note liquids cannot be mailed.

## Rust's Poultry Powders.

We have been selling these preparations for 25 years. Customers say they want no better.

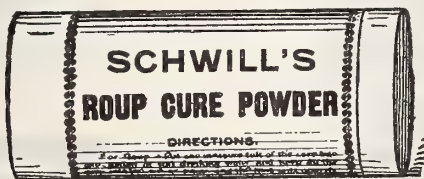
Rust's Climax Cond. Powder, 13 oz.	\$.25	By parcel post	\$.35
Rust's Climax Cond. Powder, 32 oz.	.50	By parcel post	.65
Rust's Egg Producer, 1 lb.	.25	By parcel post	.35
Rust's Egg Producer, 2½ lbs.	.50	By parcel post	.65
Rust's Egg Producer, 6 lbs.	1.00	By parcel post	1.20
Rust's Lice Powder, box	.25	By parcel post	.35
Rust's Lice Powder, 3 lb. box	.50	By parcel post	.60
Rust's Roup Powder, small	.25	By parcel post	.30
Rust's Roup Powder, large	.50	By parcel post	.60
Rust's Roup Pills, small	.25	By parcel post	.30
Rust's Roup Pills, large	.50	By parcel post	.55
Rust's Lice Liquid, quart	.35	Cannot be mailed.	
Rust's Lice Liquid, ½ gallon	.60	Cannot be mailed.	
Rust's Lice Liquid, 1 gallon	1.00	Cannot be mailed.	



## Schwill's Poultry Remedies.

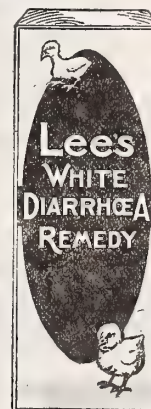
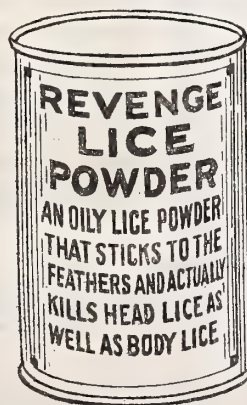
Our own brand. Equal to any on the market.

Schwill's Egg Producer, 2½ lb. box	\$.25	By parcel post	\$.35
Schwill's Egg Producer, 5 lb. box	.50	By parcel post	.65
Schwill's Lice Powder, 15 oz. box	.25	By parcel post	.35
Schwill's Lice Powder, 48 oz. box	.50	By parcel post	.65
Schwill's Roup Powder, small	.25	By parcel post	.30
Schwill's Roup Powder, large	.50	By parcel post	.55
Schwill's Liquid Lice Paint, quart	.35	Cannot be mailed.	
Schwill's Liquid Lice Paint, gallon	1.00	Cannot be mailed.	
Schwill's Poultry Dip, quarts	.50	Cannot be mailed.	



Schwill's White Diarrhea Remedy for Baby Chicks—A certain cure for this dreaded malady that is so fatal to chicks. Price, tablets, per box, 50c. By parcel post, 55c. Liquid, 50c per bottle. Not mailable.

Schwill's Microzone—Keeps poultry in a healthy condition. Will cure roup, cholera, indigestion, bowel complaints, canker, frosted combs, chicken pox, etc. Per bottle, 50c. Liquid; cannot be mailed.



## Lee's Poultry Foods and Remedies.

Lee's Egg Maker, 2½ lb. box	\$.25	By parcel post	\$.35
Lee's Egg Maker, 5½ lb. box	.45	By parcel post	.60
Lee's Lice Powder, small size	.25	By parcel post	.35
Lee's Lice Powder, large size	.50	By parcel post	.65
Lee's Hog Remedy, 7 lb. box	.60	By parcel post	.85
Lee's Hog Remedy, 25 lb. pail	1.85	Cannot be mailed.	
Lee's Liquid Lice Killer, 1 qt.	.35	Cannot be mailed.	
Lee's Liquid Lice Killer, 2 qts.	.60	Cannot be mailed.	
Lee's Liquid Lice Killer, gallon	1.00	Cannot be mailed.	
Lee's White Diarrhea Cure, bottle	.50	Cannot be mailed.	

## Lee's Germozone.

Is undoubtedly the most popular poultry medicine on the market. It is practically infallible as a cure for bowel trouble, that disease from which more chickens die annually than from all other diseases combined. It is also of great value for Roup, Colds, Chicken Cholera and other diseases which are so prevalent among poultry.

Liquid—Price, large bottle, 50c; small bottle, 25c. Cannot be mailed. Tablets—Price, 50c per box. By parcel post, 55c.

## Cypher's Poultry Remedies.

	By Parcel Post
Cypher's Roup Cure, small size box	\$.25
Cypher's Roup Cure, large size box	.50
Cypher's Remedial Ointment, per tube	.25
Cypher's Lice Powder, 15 oz. box	.25
Cypher's Lice Powder, 48 oz. box	.50
Cypher's Lice Powder, 100 oz. box	1.00
Cypher's Remedy No. 4 for Cholera and Diarrhoea	.25
Cypher's Remedy No. 6 for Liver Trouble	.25
Cypher's Remedy No. 3 for Chicken Pox	.25
Cypher's Full Nest Egg Food	.25
Cypher's Disinfectant Tablets	.25
Cypher's Salt Cat for Pigeons	.25
	Not Mailable
Cypher's Napcreol, quart	\$.50
Cypher's Napcreol, 2-quart	.85
Cypher's Napcreol, gallon	1.50
Cypher's Save-All Egg Preservative, gallon	.85

Write for Cypher's catalogue showing complete line.

## Revenge Lice Powder.

A new lice powder containing a substance that makes it stick to the feathers and will not shake off like other dry powders, therefore, will kill the detestable head lice as well as body lice. Price, 4 lb. can, 95c. By parcel post, \$1.10.

The biggest poultry invention of the age. For bettering the incubator hatch; strengthens the chicks and weakens the shell. Simple to use. Price, 50c per box, sufficient for 600 to 700 eggs. By parcel post, 55c.





### Conkey's Poultry Medicines and Foods.

Conkey's Roup Powder, small size	\$.25	By parcel post	\$ .30
Conkey's Roup Powder, medium	.50	By parcel post	.55
Conkey's Roup Powder, large	1.00	By parcel post	1.10
Conkey's Roup Pills	.25	By parcel post	.30
Conkey's Condition Powder	.25	By parcel post	.30
Conkey's Cholera Cure, small	.25	By parcel post	.30
Conkey's Cholera Cure, large	.50	By parcel post	.55
Conkey's White Diarrhea Cure, small	.25	By parcel post	.30
Conkey's White Diarrhea Cure, large	.50	By parcel post	.55
Conkey's Chicken Pox Remedy, large size	.50	By parcel post	.60
Conkey's Chicken Pox Remedy, small size	.25	By parcel post	.30
Conkey's Gape Remedy	.25	By parcel post	.30
Conkey's Gape Remedy	.50	By parcel post	.60
Conkey's Head Lice Ointment	.10	By parcel post	.15
Conkey's Head Lice Ointment	.25	By parcel post	.30
Conkey's Scaly Leg Remedy	.50	By parcel post	.60
Conkey's Limber Neck Remedy	.50	By parcel post	.60
Conkey's Healing Gall Salve	.25	By parcel post	.30
Conkey's Sorehead Ointment	.25	By parcel post	.30
Conkey's Bronchitis Remedy	.50	By parcel post	.60
Conkey's Poultry Worm Powder	.50	By parcel post	.60
Conkey's Poultry Laxative	.50	By parcel post	.60
Conkey's Poultry Tonic	.25	By parcel post	.35
Conkey's Lice Fix Salve	.50	By parcel post	.55
Conkey's Laying Tonic, small	.25	By parcel post	.35
Conkey's Laying Tonic, large	.50	By parcel post	.65
Conkey's Lice Powder	.10	By parcel post	.15
Conkey's Lice Powder	.25	By parcel post	.35
Conkey's Lice Powder	.50	By parcel post	.70
Conkey's Lice Powder	1.00	By parcel post	1.25
Conkey's Mange Remedy	.50	By parcel post	.60
Conkey's Flea Salve	.25	By parcel post	.30
Conkey's Rheumatic Cure	.50	By parcel post	.60
Conkey's Stock Vigor. pkg.	.25	By parcel post	.35
Conkey's Cow Special	.50	By parcel post	.60
Conkey's Canker Special	.50	By parcel post	.55
Conkey's Healing Salve	.25	By parcel post	.30
Conkey's Liquid Lice Killer, 1 qt.	.35	Cannot be mailed.	
Conkey's Liquid Lice Killer, 2 qts.	.60	Cannot be mailed.	
Conkey's Liquid Lice Killer, 4 qts.	1.00	Cannot be mailed.	
Conkey's Noxicide, 1 pt.	.35	Cannot be mailed.	
Conkey's Noxicide, 1 qt.	.60	Cannot be mailed.	
Conkey's Noxicide, 2 qts.	.90	Cannot be mailed.	
Conkey's Noxicide, 1 gal.	1.50	Cannot be mailed.	
Conkey's Fly Knocker, 1 qt.	.35	Cannot be mailed.	
Conkey's Fly Knocker, 1/2 gal.	.60	Cannot be mailed.	
Conkey's Laying Tonic, pails, 25 lb.	2.00	Cannot be mailed.	

### Bee Dee Powders.

A poultry and stock medicine, formerly called Black Draught. Highly recommended for all stock and poultry troubles, hog cholera, etc. 25c and 50c a can. By parcel post, 30c and 60c.



A certain and positive cure and preventative for Roup in all fowls. Not necessary to separate the sick birds from the well ones when using Roupen; this saves much trouble in handling. Roupen is fully guaranteed to do all it claims. Price, 50c and \$1.00 per bottle. By parcel post, 60c and \$1.10.

Whiting's White Diarrhea Remedy—Price, 50c per bottle. By parcel post, 60c.

### Pratt's Poultry and Stock Food.

Pratt's Poultry Regulator	\$.25	By parcel post	\$ .35
Pratt's Poultry Regulator	.50	By parcel post	.65
Pratt's Poultry Regulator	1.00	By parcel post	1.25
Pratt's Poultry Regulator, 12 lb. pail	1.25	By parcel post	1.60
Pratt's Roup Remedy	.25	By parcel post	.30
Pratt's Head Lice Ointment, 1 oz.	.10	By parcel post	.15
Pratt's Head Lice Ointment, 3 oz.	.25	By parcel post	.30
Pratt's Poultry Condition Tablets	.25	By parcel post	.30
Pratt's Poultry Condition Tablets	.25	By parcel post	.30
Pratt's Cholera Remedy	.25	By parcel post	.30
Pratt's Gape Remedy	.25	By parcel post	.30
Pratt's Sorehead Remedy	.25	By parcel post	.30
Pratt's Bronchitis Remedy	.25	By parcel post	.30
Pratt's White Diarrhea Cure	.25	By parcel post	.30
Pratt's Lice Powder	.10	By parcel post	.15
Pratt's Lice Powder	.25	By parcel post	.35
Pratt's Animal Regulator	.25	By parcel post	.35
Pratt's Animal Regulator	.50	By parcel post	.60
Pratt's Animal Regulator	1.00	By parcel post	1.25
Pratt's Animal Worm Powder	.50	By parcel post	.60
Pratt's Calf Tonic	.50	By parcel post	.60
Pratt's Cow Tonic	.50	By parcel post	.60
Pratt's Worm Powder	.50	By parcel post	.60
Pratt's Hog Cholera Specific	.50	By parcel post	.60
Pratt's Heave Cure	.50	By parcel post	.60
Pratt's Hog Worm Powder	.50	By parcel post	.60
Pratt's Spavin Paste	.50	By parcel post	.60
Pratt's Distemper Cure	.50	By parcel post	.60
Pratt's Bag Ointment	.25	By parcel post	.30
Pratt's Colic Cure	.50	Cannot be mailed.	
Pratt's Germathol	.25	Cannot be mailed.	
Pratt's Liquid Spavin Cure	.50	Cannot be mailed.	
Pratt's Animal Liniment	.50	Cannot be mailed.	
Pratt's Animal Regulator	.25-lb. pail	3.00	Cannot be mailed.
Pratt's Lice Liquid, 1-qt.	.35	Cannot be mailed.	
Pratt's Lice Liquid, 2-qt.	.60	Cannot be mailed.	
Pratt's Lice Liquid, 1-gal.	1.00	Cannot be mailed.	
Pratt's Animal Dip, 1-qt.	.35	Cannot be mailed.	
Pratt's Animal Dip, 2-qt.	.60	Cannot be mailed.	
Pratt's Poultry Regulator, 25-lb.	2.50	Cannot be mailed.	



### Dr. Hess' Poultry and Stock Food.

Dr. Hess' Poultry Panacea, small	\$.25	By parcel post	\$ .35
Dr. Hess' Poultry Panacea, medium	.60	By parcel post	.75
Dr. Hess' Poultry Panacea, large	1.25	By parcel post	1.50
Dr. Hess' Instant Louse Powder	.25	By parcel post	.35
Dr. Hess' Roup Cure	.25	By parcel post	.30
Dr. Hess' Stock Food	.25	By parcel post	.35
Dr. Hess' Stock Food	.50	By parcel post	.65
Dr. Hess' Stock Food	1.00	By parcel post	1.25
Dr. Hess' Worm Powder	.50	By parcel post	.60
Dr. Hess' Distemper Remedy	.50	By parcel post	.60
Dr. Hess' Healing Powder	.25	By parcel post	.30
Dr. Hess' Heave Powders	.50	By parcel post	.60
Dr. Hess' Colic Cure	.50	Cannot be mailed.	
Dr. Hess' Disinfectant, pint bottle	.35	Cannot be mailed.	
Dr. Hess' Stock Food, 25 lb. pail	1.60	Cannot be mailed.	

### Succulenta Tablets.

Take the place of green food. Simply dissolve a tablet in drinking water, and forget about green foods. Fowls drink it with relish. You don't have to bother with time and labor of feeding your chickens green sprouted oats, cabbage or other green food. Price, per box, 100 large tablets, 50c. By parcel post, 55c.



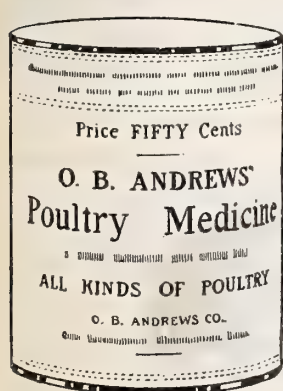


### International Poultry and Stock Food.

International Poultry Food	.....\$ .25	By parcel post \$ .35
International Poultry Food	.....50	By parcel post .65
International Poultry Food	.....1.00	By parcel post 1.25
International Louse Powder	.....25	By parcel post .35
International Chicken Cholera Cure	.....25	By parcel post .35
International Stock Food	.....25	By parcel post .35
International Stock Food	.....50	By parcel post .65
International Stock Food	.....1.00	By parcel post 1.25
International Heave Cure	.....50	By parcel post .60
International Worm Powder	.....50	By parcel post .60
International Gall Cure	.....25	By parcel post .30
International Distemper Cure	.....50	By parcel post .65
International Poultry Bowel Cure	.....25	By parcel post .30
International Tarfoot Remedy	.....50	Cannot be mailed.
International Colic Cure	.....50	Cannot be mailed.
International Colic Cure, large	.....1.00	Cannot be mailed.
International Healing Oil	.....50	Cannot be mailed.
International Pheno-Chloro	.....25	Cannot be mailed.
International Louse Paint, 1/2 gal.	.....75	Cannot be mailed.
International Stock Food, 25-lb.	.....3.00	Cannot be mailed.

### Magic Poultry and Stock Powders.

Magic Poultry Food	.....\$ .25	By parcel post \$ .35
Magic Poultry Food	.....50	By parcel post .60
Magic Lice Powder	.....10	By parcel post .15
Magic Lice Powder	.....25	By parcel post .35
Magic Roup Powder	.....35	By parcel post .40
Magic Stock Food	.....25	By parcel post .35
Magic Stock Food	.....50	By parcel post .65
Magic Death Powder	.....10	By parcel post .15
Magic Death Powder	.....25	By parcel post .30
Magic Hoof Ointment	.....25	By parcel post .35
Magic Worm Powder	.....50	By parcel post .60
Magic Heave Cure	.....50	By parcel post .60
Magic Distemper Cure	.....50	By parcel post .60
Magic Hog Medicine	.....50	By parcel post .60
Magic All-Heal Liniment	.....50	Cannot be mailed.
Magic Colic Cure	.....1.00	Cannot be mailed.
Magic Disinfectant	.....25	Cannot be mailed.



### Andrews' Poultry Remedies.

A new line. Every preparation has been tried out and will do all the manufacturer claims.

Andrews' Deathmite	.....box, \$ .50-\$1.00.	Parcel post, \$ .55-\$1.10
Andrews' Disinfectant	.....bottle, 1.00.	Parcel post, 1.15
Andrews' Liniment	.....bottle, 1.00.	Parcel post, 1.15
Andrews' Healing Powder	.....box, .50.	Parcel post, .55

Ask for The Poultryman's Text Book. We mail it on request.

### Red Star Disinfectant.

Will positively kill all kinds of bugs, insects, their nits and eggs, such as ants, roaches, mosquitoes, bed bugs, etc. It will not injure furniture or the most delicate fabric. It is perfectly safe to use in every way, and the most effective article of its kind. Pt., 35c; qt., 60c; gal., \$1.50, f.o.b. Memphis. Not mailable.



### Zenoleum Preparations.

Zenoleum Lice Powder, box	.....\$ .25	By parcel post \$ .35
Zenoleum Hog Worm Powder	.....1.00	By parcel post 1.05
Zenoleum Lice Liquid, 1-qt.	.....35	Cannot be mailed.
Zenoleum Lice Liquid, 2-qt.	.....60	Cannot be mailed.
Zenoleum Lice Liquid, 1-gal.	.....1.00	Cannot be mailed.
Zenoleum Dip, 8-oz. can	.....25	Cannot be mailed.
Zenoleum Dip, 1-qt. can	.....50	Cannot be mailed.
Zenoleum Dip, 2-qt. can	.....90	Cannot be mailed.
Zenoleum Dip, 1-gal can	.....1.50	Cannot be mailed.
Zenoleum Dip, 5-gal. can	.....5.00	Cannot be mailed.

### Chemo Disinfectant.

A superb preparation. Don't stain; sure death to insects and bugs of every kind. Qt., 50c; gal., \$1.50. Not mailable.

### Sterlingworth Bed Bug Killer.

Non-poisonous to man, but sure death to bed bugs. A splendid preparation. Box, 25c; parcel post, 35c.

### Sterlingworth Water Glass.

Save your eggs by treating them with this preparation. Keeps eggs in good condition for ten months. Qt., 30c; by parcel post, 45c.



### Sterlingworth Roach Killer.

Fatal to roaches and at the same time non-poisonous to human beings or animals. Easy and safe to use. 1/4 lb. patent bellows box, 25c; by parcel post, 30c. 1 lb. box, 80c; 5 lb. box, \$3.50.

### Sterlingworth Ant Driver.

Sure death and preventative of these little pests. 1 lb. 25c; by mail, 35c.

### Andrews' Obaco.

A valuable and sure preventative of White Diarrhea in chicks. Also cures Roup, Cholera, Gapes and Sore Head. Obaco kills the germ. Write for the Poultryman's Text Book; it's free and tells you all about this excellent germicide. Bottle, 50c and \$1.00. By parcel post, 55c and \$1.10.

### Andrews' Poultry Medicine.

A tonic and cure for liver and indigestional troubles. Hastens the moult and keeps the fowls in good condition. Price, 50c and \$1.00 a box. By parcel post, 55c and \$1.10.

### Lambert's Lice Powders.

Lambert's Death to Lice Powder	.....\$ .25	By parcel post \$ .35
Lambert's Death to Lice Powder, 3 lb.	.....50	By parcel post .65
Lambert's Death to Lice Powder, 100 oz.	.....1.00	By parcel post 1.20
Lambert's Death to Lice Ointment	.....10	By parcel post .15



### Spratt's Dog Cakes, Etc.

Spratt's Dog Cakes, 2-lb. box	.....\$ .25	By parcel post	\$ .35
Spratt's Dog Cakes, 4-lb. box	.....	By parcel post	.65
Spratt's Dog Cakes, 50-lb. box	.....4.00	Cannot be mailed.	
Spratt's Dog Cakes, 100-lb. box	.....7.50	Cannot be mailed.	
Spratt's Puppy Cakes, box	.....	By parcel post	.35
Spratt's Molecoddle Puppy Cakes	.....	By parcel post	.35
Spratt's Puppy Meal	.....	By parcel post	.35
Spratt's Dog Soap	.....	By parcel post	.30
Spratt's Mixed Parrot Food	.....	By parcel post	.25



### Austin's Dog Bread.

A perfect dog food. Highly endorsed as one of the best articles on the market. Per box, 25 lbs., \$2.25; 50 lbs., \$4.25.

### Vermilax Supreme Dog Remedies.

Owners of pets and valuable dogs can rely on purity, safety and sterling usefulness of Vermilax Remedies. Any of the following preparations sent parcel post paid on receipt of price—

Blood Purifying Tablets	.....\$ .50	Kidney Tablets	.....\$ .50
Cankered Ear Lotion	.....	Liniment	.....
Chorea Tablets	.....	Mange Remedy	.....50c and 1.00
Condition Tablets	.....	Mouth Wash	.....1.00
Cough Syrup	.....	Rheumatic Tablets	.....
Diarrhoea Tablets	.....	Shampoo	.....
Distemper Remedy	.....1.00	Skin Cleanser	.....
Eye Lotion	.....	Skin Cleaning Cream	.....
Fever Tablets	.....	Soap, Animal	.....
Flea Powder	.....	Soap, for Puppies	.....
Germicide and Disinfectant	.....	Tonic Tablets	.....
Gum Set	.....	Vermilax Worm Remedy	.....

Be sure to send for Dr. Delaney's book on Dogs. It's free.



### Bennett's Milk Bone Dog Biscuit.

A superior preparation. Keeps dogs in good condition. Ask for circulars. Per box, 2 lbs., 25c; bbl., 100 lbs., \$9.00. By parcel post, 2 lb. box, 35c.

### Bennett's Milk Bone Puppy Biscuit.

Especially prepared for puppies. They thrive and grow fat on M. B. Biscuits. Per box, 25c. By parcel post, 35c.

### Moe's Chicsal.

A mineral salt solution for baby chicks. Now used by many of the largest and most successful breeders. Price, 50c per bottle, f.o.b. Memphis.

### Bee Brand Insect Powder.

The kind that kills the bugs. Harmless to mankind or domestic animals. Bee Brand Insect Powder is the true Persian powder. Absolutely effective and safe. Cans, 25c and 50c. By parcel post, 30c and 55c.

### Germo Magic Lice Killer.

Especially adapted for killing chicken lice, as well as lice on hogs, cattle, horses, sheep, dogs, etc. Perfectly safe to use. Also a perfect deodorizer and disinfectant. Qt., 35c; 2 qt. 60c; 1 gal., \$1.00. Not mailable.

### Oculum.

A scientific remedy and preventative for all poultry diseases. It is especially valuable for preventing and curing White Diarrhoea in baby chicks. Be sure to inoculate your chicks this season with Oculum and you will raise 95 per cent. Oculum is also used as an egg producer; increases both fertility and vigor. Ask for descriptive circular. Price, 10c, 50c and \$1.00 bottles. By parcel post, 15c, 55c and \$1.10.

### Andrews' Dip and Disinfectant.

When diluted makes one of the best poultry dips on the market. Sure to kill lice and mites. Also fine for household use. Price, \$1.00 per bottle. By parcel post, \$1.10.



China or Porcelain Nest Egg

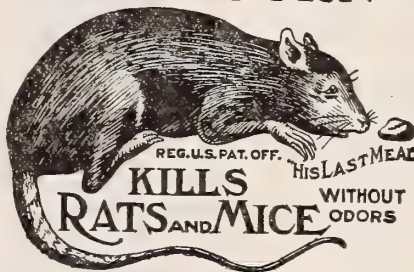
### Nest Eggs.

**Knox Lice Medicated Nest Eggs**—These eggs are a perfect imitation of the hen's egg, containing a powerful disinfectant, which keeps all lice, mites, etc., out of nest and off the hens. Each, 10c; doz., 75c. By parcel post, each, 15c; doz., 95c.

**Lime Nest Eggs**—Non-breakable. Antiseptic. A perfect shape, making it a splendid and lasting accessory. Doz., 35c. By parcel post, doz., 50c.

**China or Porcelain**—These are made of first-class glass. They will not break easily and will last a lifetime. Doz., 25c. By parcel post, doz., 45c.

### RAT CORN

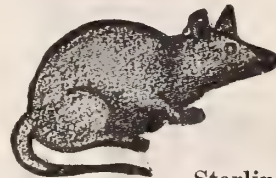


**Kills Rats and Mice.** No odor or smell. It mummifies them. No matter where they die, they simply dry up; positively do not smell. Rat Corn is a new and scientific discovery and without a doubt the greatest rat destroyer in the world. The only one that kills rats without any dangerous or disagreeable effects. Non-poisonous to other animals. Price, 25c, 50c and \$1.00 a can. By parcel post, 30c, 55c and \$1.10.

### Rat Annihilator.

The modern rat destroyer. Kills and completely consumes the body of the rodent, leaving no bad odor. Simple to use, safe, sure and sanitary. Price, 15c a box; 12 boxes \$1.50. By parcel post, 20c a box; 12 boxes \$1.60.

### Devil's Paste.



Kills rats, mice and roaches on the spot. Their appetites crave it. They will leave grain or food of every description to eat Devil's Paste. We have given it severe trials in our warehouse and it surely does the work. Price, 15c, 25c and 50c jars, f.o.b. Memphis. Being poison, it cannot be mailed.

### Sterlingworth Rat Killer.

Not only kills but dries up their carcass, therefore may be used without disagreeable consequences. Price, 25c. Not mailable.



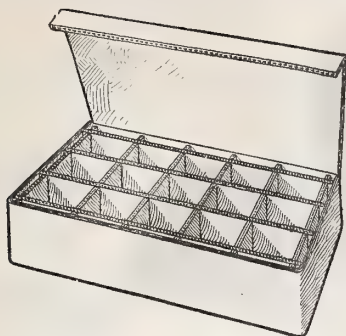
### Rax.

The scientific destroyer of rats and mice. Harmless to other animals and to human beings, and is at the same time odorless. Rax is not a poison, therefore safe to use. Ask for circulars describing this wonderful new rat slayer. Price, 50c per bottle. By parcel post, 55c.

### Andrews' Death Mite.

Positively destroys mites and lice, also their eggs. Never fails. Price, 50 and \$1.00. By parcel post, 55c and \$1.10.





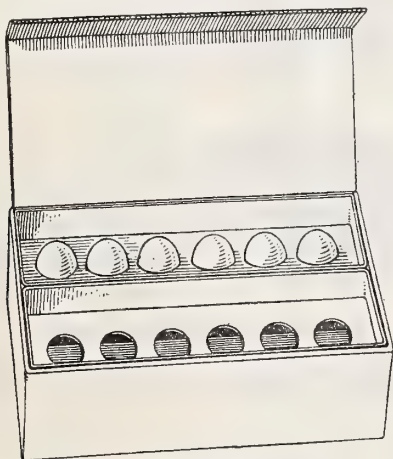
Andrews' Efficiency Egg Carrier

**Andrews' Efficiency Egg Carrier.**

Air-cushioned; a safe carrier for eggs. Extra strong, light and durable. These come all made up; saves trouble and time. Price.

12-Egg Size, doz. ....	.60; parcel post, doz. \$ .80
24-Egg Size, doz. ....	.80; parcel post, doz. 1.00
36-Egg Size, doz. ....	1.10; parcel post, doz. 1.35
48-Egg Size, doz. ....	1.35; parcel post, doz. 1.75
15-Egg Size, doz. ....	1.00; parcel post, doz. 1.30
30-Egg Size, doz. ....	1.50; parcel post, doz. 2.00
50-Egg Size, doz. ....	2.40; parcel post, doz. 2.80
100-Egg Size, doz. ....	4.50; parcel post, doz. 5.10

Nothing less than 1 dozen sold at these prices.



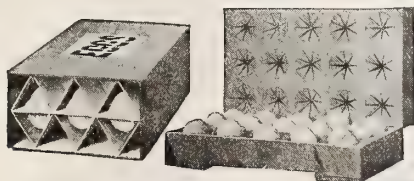
Andrews' Non-Busto Egg Carrier

**Andrews' Non-Busto Egg Carrier.**

This perfect egg carrier holds the eggs in suspension with an air cushion around each egg. The simplest and safest egg carrier on the market. Made very light, but stands all kinds of rough handling.

15 Egg Size, doz. ....	\$1.00; parcel post, doz. \$1.20
30-Egg Size, doz. ....	1.80; parcel post, doz. 2.00
50-Egg Size, doz. ....	2.40; parcel post, doz. 2.80
100-Egg Size, doz. ....	4.50; parcel post, doz. 5.10
12-Egg Size, doz. ....	.60; parcel post, doz. .65
24-Egg Size, doz. ....	.80; parcel post, doz. 1.00
36-Egg Size, doz. ....	1.10; parcel post, doz. 1.35
48-Egg Size, doz. ....	1.35; parcel post, doz. 1.75
60-Egg Size, doz. ....	1.60; parcel post, doz. 2.10

Nothing less than 1 dozen sold at these prices.

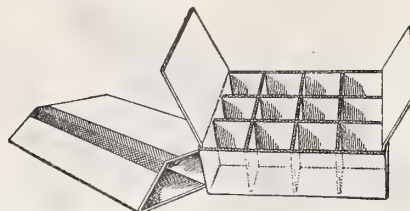


Diamond Egg Carrier

**Diamond Egg Carrier.**

Something new in a class by itself, box has cushions on all sides, impossible to break eggs. This is the strongest and safest egg shipping box on the market. Price—

15-Egg Size, each .....	.20; doz., \$2.00. By parcel post, each, \$ .25
30-Egg Size, each .....	.35; doz., 3.50. By parcel post, each, .40
50-Egg Size, each .....	.60; doz., 5.50. By parcel post, each, .60
100-Egg Size, each .....	1.00; doz., 11.00. By parcel post, each, 1.25
12-Egg Size, each .....	.15; doz., 1.70. By parcel post, each, .20
24-Egg Size, each .....	.25; doz., 2.50. By parcel post, each, .35
48-Egg Size, each .....	.45; doz., 4.50. By parcel post, each, .55
60-Egg Size, each .....	.55; doz., 5.50. By parcel post, each, .70



Andrews' Parcel Post Egg Shipping Box

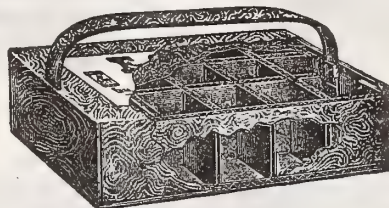
**Anderson Parcel Post Egg Boxes.**

Similar to the Eyrie, made without handle, shipped in flat, saving freight or express charges. For hatching eggs.

15-Egg Size .....	.20; 12 for \$1.75. By parcel post, \$ .25; 12 for \$2.15
30-Egg Size .....	.30; 12 for 2.75. By parcel post, .40; 12 for 3.20
50-Egg Size .....	.50; 6 for 2.50. By parcel post, .60; 6 for 2.90
100-Egg Size .....	.75; 6 for 3.75. By parcel post, .90; 6 for 4.25

**For Commercial Eggs.**

12-Egg Size, each .....	.10; 12 for \$ .75. By parcel post, 12 for \$1.00
24-Egg Size, each .....	.15; 12 for 1.25. By parcel post, 12 for 1.60
36-Egg Size, each .....	.20; 12 for 1.75. By parcel post, 12 for 2.15
48-Egg Size, each .....	.25; 12 for 2.25. By parcel post, 12 for 2.75



The Eyrie Egg Shipping Box

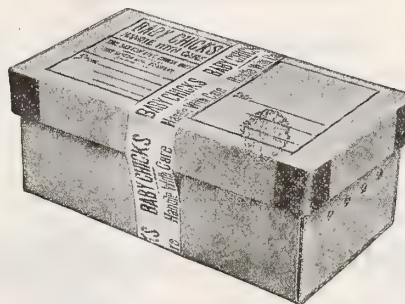
**The Eyrie Egg Shipping Box.**

For shipping settings of eggs by express only. Made from jute board and partitioned off with double-faced corrugated paper.

15-Egg Size, .....	.20; 12 for \$2.00. By parcel post, \$ .30; 12 for \$2.40
30-Egg Size .....	.35; 12 for 3.25. By parcel post, .35; 12 for 3.70

**Crosby's Parcel Post Egg Carrier.**

Made of galvanized steel with patent lock top, which is operated by simply pressing a button and turning the handle. The case is lined with double corrugated paper; the egg cells are made of the same material, making an egg carrier which is practically breakproof. Price, 6 doz. egg size, \$1.25; 9 doz. egg size, \$1.50; 15 doz. egg size, \$2.00. By parcel post, 6 doz. egg size, \$1.40; 9 doz. egg size, \$1.70; 15 doz. egg size, \$2.25.



Sefton Live Chick Shipping Box

**Sefton Live Chick Shipping Box.**

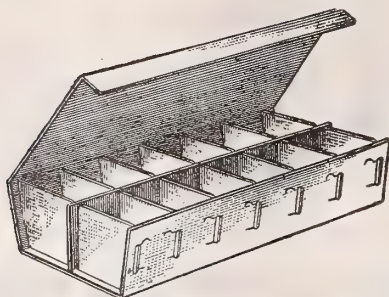
How have you been shipping your little chicks? Why not use an up-to-date box, made especially for them? For shipment it is folded flat, but can be easily set up and made ready for use.

25-Chick Size, each, \$ .25; doz. \$2.50. Parcel post, each, \$ .30; doz. \$2.80
50-Chick Size, each, .35; doz. 3.50. Parcel post, each, .45; doz. 3.90
100-Chick Size, each, .50; doz. 4.50. Parcel post, each, .60; doz. 5.10

**The Poultryman's Text Book.**

Gives much valuable information on raising poultry and on poultry appliances, etc. It is just the book that you have been looking for. Your name on a postal will bring a copy to you. It's yours for the asking.

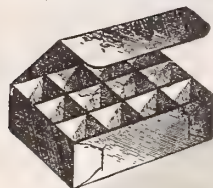




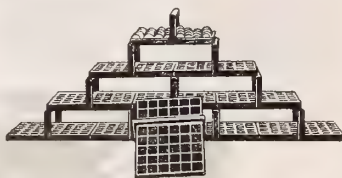
Key's Patent Egg Carton

### Key's Patent Egg Case Carton.

A moderate price box. It is well made, compact, strong and safe, the outside being made of one piece heavy cardboard, therefore holds its shape and holds the eggs firmly. Doz., 25c; 100, \$1.25; 1000, \$11.00; 5000 at \$10.00 per 1000. Printed with your name in 5000 lots without any extra cost.



Strawboard Paper Egg Carton



Andrews' Egg Gathering Tray

### Strawboard Paper Egg Carton.

These are intended for delivering eggs to consumers. Hold one dozen each. Price, 20c per doz. boxes; 50 for 75c; 100 for \$1.25. By parcel post, 12 for 30c; 50 for 95c; 100 for \$1.65.

### Andrews' Egg Gathering Tray.

Use these trays in gathering eggs. They save loss. Light and easy to handle. Price, 50c each. By parcel post, 70c.



Andrews' Shipping Koop De Lux

### Andrews' Koop De Lux.

Light weight. Saves money on express, saves delay in packing. Reinforced edges, making them strong and durable.

1 to 3 bird size, each, \$1.10; 6 for \$6.00. By parcel post, each, \$1.30.  
2 to 4 bird size, each, \$1.50; 6 for \$8.00. By parcel post, each, \$1.75.  
5 to 8 bird size, each, \$1.65; 6 for \$9.00. By parcel post, each, \$2.00.

## Sulpho-Tobacco Soap

Kills bugs, red spiders, rose insects, etc. Full directions with each cake. 3 oz. cake, 10c; 8 oz. cake, 20c. By parcel post, 15c and 25c.

## Easy Way to Get Eggs

Feed Oculum Every Day with the Feed.

Directions—Mix Oculum. (only drop to each grown hen) with a little water, then sprinkle the feed, stir it, and cover it up. Oculum will go through the feed in a short time. Try this method and you will get results. Price, 10c, 50c and \$1.00 a bottle. By parcel post, 15c, 55c and \$1.10.



The Eyrie Shipping Coop



Wire Hen's Nest

### Wire Hen's Nest.

These nests are intended to be fastened with screws or screw hooks—if wanted removable. They afford no place for vermin and allow the air to circulate freely, advantages not obtained when wooden boxes are used. They are intended to be filled with straw, which can be readily removed. Each, 20c; doz, \$2.00. By parcel post, each, 35c; six for \$1.50.

### The Eyrie Shipping Coop.

Shipped flat and so simple in construction a child can set them up. Prices:

No. A. Size 12x16x18, will hold 2 fowls, each	.....\$ .45
No. B. Size 12x18x22, will hold 3 fowls, each	..... .55
No. C. Size 12x22x22, will hold 4 fowls, each	..... .65
No. D. Size 20x22x22, will hold 5 fowls, each	..... .85
No. E. Size 20x24x22, will hold 6 fowls, each	..... 1.00
By parcel post, No. A, each, 55; No. B, each, 65c; No. C, each, 80c; No. D, each, \$1.00; No. E, each, \$1.20.	

### Excelsior Wood Shipping Coops.

Well made ends and sides, cleated, having opening at top for ventilation. All parts bundled separately and can be set up very easily. Made of 3/16 poplar and gum.

Price, 1-Bird Excelsior Coop, f. o. b. Memphis, each	.....\$ .50
Price, 2-Bird Excelsior Coop, f. o. b. Memphis, each	..... .60
Price, 3-Bird Excelsior Coop, f. o. b. Memphis, each	..... .75
Price, 5-Bird Excelsior Coop, f. o. b. Memphis, each	..... 1.00

### Empire Exhibition Coops.

Finished in finest style, strong and durable. Style AA, 1-Bird size, each, \$3.75; Style C, 2-Comp. Cage, each, \$5.25; Style H, Pen size, each, \$5.50. All f. o. b. Memphis.



Clay Pigeon Nest



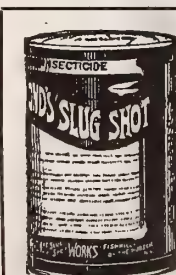
Fibre Ware Pigeon Nest

### Clay Pigeon Nests.

Made of high-grade and valuable clay, terra cotta in color. Diameter 8 inches. Each, 15c; doz., \$1.50; 100, \$11.00, f. o. b. Memphis.

### Fibre Ware Pigeon Nests.

Made of fibre. Very light and durable. Pigeon fanciers prefer them to any other kind. Each, 20c; 6 for \$1.00; 12 for \$1.75. By parcel post, each, 25c; 6 for \$1.20.



Slug Shot, Hammond's — Non-poisonous; a splendid powder for general use. Price, 1 lb. box, 15c; 5 lb. pkg., 40c; 10 lb., 75c; 25 lb., \$1.50; 100 lb., \$5.50. By parcel post, 1 lb., 25c; 5 lb., 60c; 10 lb., \$1.00.



### Leg Bands.

**Champion Leg Bands**—This aluminum band is made in one piece, adjustable to fit any fowl. Held by double lock; it is impossible for them to lose off. Numbered from 1 to 400. Price, doz., 15c; 25 for 25c; 100 for 75c, parcel post paid.

**Colored Spiral Leg Bands**—Made in many different colors—red, green, blue, yellow, pink, white, etc. Slip on just like a key ring; no tools required. Will not come off; fowls cannot lose or remove them. Made in all sizes. State for what breed you want the bands.

Price	.....12,	\$ .20.	By parcel post, \$ .25
Price	.....25,	.35.	By parcel post, .40
Price	.....50,	.60.	By parcel post, .65
Price	.....100,	1.00.	By parcel post, 1.10



Champion Aluminum Leg Band

Colored Celluloid Spiral Leg Band

**Colored Leader Leg Bands**—Adjustable, can be cut to fit and size. Large, plain numbers on five different colors of celluloid, which are encased in aluminum. The best and most simple colored leg band that has numbers on them now on the market. 12 bands, 35c; 25 bands, 60c; 50 bands, \$1.10; 100 bands, \$2.00, parcel post paid.

**Smith Sealed Leg Bands**—Doz., 25c; 25, 40c; 100, \$1.50, parcel post paid.

**Smith Sealers**—Made especially for using on Smith Leg Bands. Each, 75c, parcel post paid.

**Colored Open Chick or Pigeon Bands**—Easy to apply, light in weight; finished in following colors—red, pink, yellow, blue, green, orange. Price, doz., 30c; 25 for 55c; 50 for \$1.00; 100 for \$2.00, parcel post paid.

**Open Aluminum Pigeon Leg Band**—Doz., 20c; 100, \$1.50, parcel post paid.



### Poultry Punches.

**Petty Poultry Punch**—Cuts clean hole with ease. Price, 25c, parcel post paid.

**Rogers Spring Punch**—A strong, well made, durable punch. Price, each, 35c, parcel post paid.

**Moe's Self Locking Leg Band**—The simplest and most durable metal leg band on the market. Every band its own raised number. Manufactured in sizes for Mediterranean, American and Asiatic birds, also turkeys. 12 bands, any size, 15c; 100, \$1.00, parcel post paid. In ordering be sure to state for what breed you want bands.

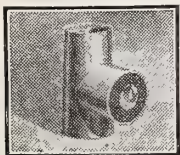
### Burners and Lamps for Cyphers Incubators and Brooders.

No. 0 Cyphers Burners, each	.....\$ .40	Parcel post \$ .45
No. 1 Cyphers Burners, each	......50	Parcel post .55
No. 2 Cyphers Burners, each	......60	Parcel post .65
No. 0 Cyphers Lamp Bowls, each	......60	Parcel post .70
No. 1-2 Cyphers Lamp Bowls, each	......70	Parcel post .80
Connecting Rods and Nuts, each	......35	Parcel post .40

### Buckeye Incubator Extras.

Buckeye Incb. Thermometers, each	.....\$ .75	By parcel post \$ .80
Buckeye Incb. Thermometer holders, each	......15	By parcel post .15
Buckeye Incb. Lamp Bowls, each	......75	By parcel post .85
Buckeye Incb. Lamp Burners, each	......40	By parcel post .45
Buckeye Incb. Lamp Chimneys, each	......35	By parcel post .45
Buckeye Incb. Ad. Rod and Set Screw, each	......30	By parcel post .35
Buckeye Incb. Lamp Wicks, doz.	......30	By parcel post .35
Buckeye Egg Testers, each	......30	By parcel post .35

Other parts quoted on request. When ordering lamp bowls always give height and width of the old lamp.



X-Ray Egg Tester



Incubator Lamp with Chimney

### X-Ray Egg Tester.

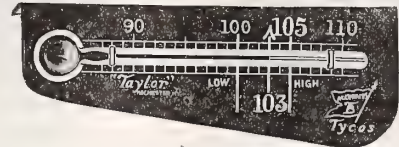
Designed for use on an ordinary hand lamp and fits over any style burner with a diameter approximately that of the tester. Each, 25c. By parcel post, 35c.

### Mandy Lee Hygrometer.

Registers accurately the percentage of moisture in the egg chamber, and directions that go with it show absolutely what percentage of moisture is needed during each day of incubation and how the desired amount may be maintained, regardless of the humidity of the outer air. Can be used in any incubator. Price of the Mandy Lee Hygrometer, \$2.00 each, parcel post paid. Extra wicks, 10c each, 3 for 25c.

### Model Incubator Hygrometers.

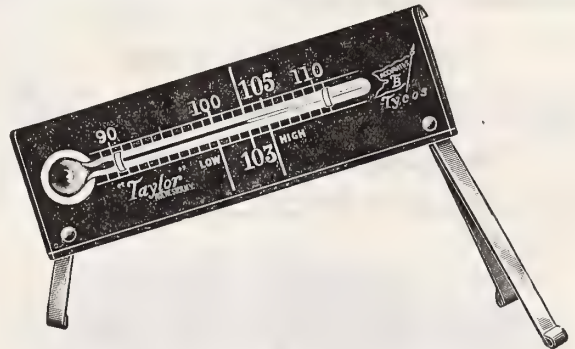
Is an indicator of moisture present in the incubator, showing exactly what the conditions are, so that if not correct, they may be made so. \$1.00 each. By parcel post, \$1.10.



Schwill's No. 5774 Incubator Thermometer

### Incubator and Brooder Thermometers.

	Each.	Par. Po.
Buckeye Incubator Thermometer	.....\$ .75	\$ .80
Cycle Hatcher Incubator Thermometer	......75	.80
Cypher's Incubator Thermometer	......75	.80
Mandy Lee Incubator Thermometer	......90	1.00
Prairie State Incubator Thermometer	......75	.80
Schwill's Tyco's Thermometer, No. 5770	......75	.80
Schwill's Tyco's Thermometer, No. 5774 (without wire)	......75	.80
Schwill's Tyco's Brooder Thermometer, No. 5792	......35	.45
Wires for Hanging Thermometers	......10	.15



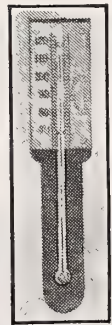
Schwill's No. 5770 Incubator Thermometer—Operates in any make of Incubator

### Incubator and Brooder Lamps.

	Each.	Par. Po.
No. 1 Lamp Bowls	.....\$ .60	\$ .75
No. 2 Lamp Bowls	......65	.80
No. 3 Lamp Bowls	......75	.90
No. 1 Lamp Burners	......40	.45
No. 2 Lamp Burners	......50	.55
No. 3 Lamp Burners	......60	.65
Oakes Hydro Safety Lamp No. 1	.....1.25	1.40
Oakes Hydro Safety Lamp No. 2	.....1.50	1.65
Oakes O. K. Burner No. 2	......50	.55
Oakes O. K. Burner No. 3	......60	.70
Lamp Wicks, cotton, all sizes; dozen, 30c, parcel post paid.		
Red Felt Wicks, all sizes; dozen, 50c, parcel post paid.		



Eureka Oil Cup Perch Support



No. 5792 Brooder Thermometer

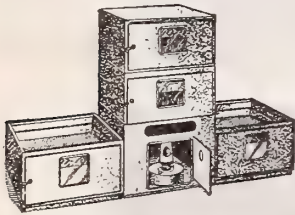
### Eureka Oil Cup Bracket Perch Support.

This will get rid of mites and lice. Sure death; never fails. You keep the cup full of oil, Zenoleum or Cyphers Napcreol, and the little pets drown or keep away. Price, Bracket Perch Support, each, 25c; 12, \$2.50. Price, Oil Cup, each, 15c; 12, \$1.50. By parcel post, Bracket Perch Support, each 35c; Oil Cup, each 20c.

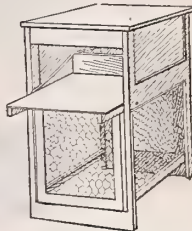


**Andrews' Oat Sprouter.**

Well made, and will last for years. Does the work satisfactory. Directions for sprouting oats are given in The Poultryman's Text Book. Don't fail to get a copy; it's worth money to you. Price of Andrews' Oat Sprouter; Outfit A; 1 Section, 2 Trays, holds 10 qts. of oats, enough for 50 hens, \$8.50.



Successful Oat Sprouter



Andrews' Never Fail Trap Nest

**Successful Sprouter.**

Made in sections, double galvanized steel wall construction, will sprout oats, barley, etc., safely and quickly. Price, No. 2, four trays, capacity 75 to 100 hens, \$9.50.

**Moe's Sectional Oat Sprouter.**

A reliable sprouter adapted to any size flock. As birds increase in number, add another section. Manufactured of heavy galvanized iron. No. 59, base with lamp and two trays .....\$7.00  
No. 60, additional sections with two trays ..... 3.50

**Mann's Green Bone Cutter.**

The standard bone cutter; easily adjusted; self-feeding. No. 5BM, with stand, \$10.00; No. 7 Mill, on iron stand, \$11.50; No. 7½, semi-power, \$14.00.

**Humphrey's Green Bone Cutter.**

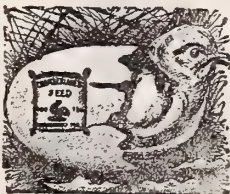
This is one of the leading bone cutters on the market. No. 1, hand power Cutter, \$12.00; No. 2½, semi-power, each, \$14.00.

**Improved Automatic Chick Greaser.**

Saves the chicks from vermin. The chicken its own doctor. Will grease 100 chickens in a few minutes. Kills mites, fleas, lice and red bugs. The chicken, while eating out of the pan, rubs against the wick, greasing itself; you don't catch them. Put melted lard in the tank and feed in the pan, set pan in the yard among the chicks and see how quick it works; the chicken and wick come together and the vermin are killed. No. 1 Machine, for 50 chicks, 75c. By parcel post, \$1.00.

**No. 32 Stover Hand Grinding Mill.**

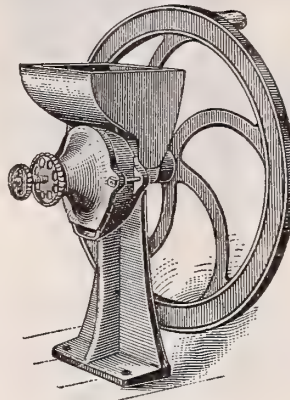
This machine grinds oats, barley, rye, corn, peas, dry bone, shells, etc., for feeding to poultry. It is a well designed machine, is strong and well made throughout and of excellent finish, has a 16-inch fly-wheel and is light running. The capacity of this mill is not equaled by any other of the same size. Shipping weight, 40 pounds. Capacity, 1 or 2 bushels per hour. Price, \$5.50 each.



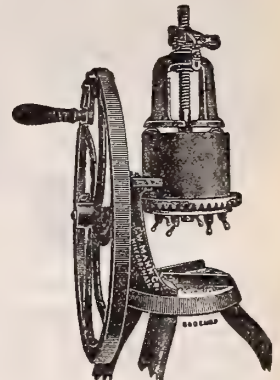
**Chamberlain's Perfect Chick Food**—The original dry chick feed; guaranteed in every way. You are sure to raise the little fellows by feeding Perfect Feed. We have it genuine. 6 lb., 25c; 100 lb., \$3.00. By parcel post, 6 lb., 40c.

**Red Chief Grist Mill.**

A good strong, reasonable price mill; easily adjusted for grinding coarse or fine. Price, \$2.00 each. By parcel post, \$2.60.



Model Grinding Mill



Mann's Green Bone Cutter

**Model Grinding Mill.**

One of the best all-round mills yet produced. They are designed for grinding wheat, making graham flour and corn meal for family use. Grinds feed, either fine or coarse, for chickens; also shells, roots, salt, charcoal, etc. Capacity about as follows, depending on the condition of grain and fineness: No. 1, ½ to 1 bushel per hour; No. 2, ¾ to 1½ bushels per hour; No. 3, 1 to 2 bushels per hour.

**Prices and Sizes.**

No.	Height.	Weight.	Price.
1.	13 in.	20 lbs.	\$2.50
2.	16 in.	35 lbs.	4.50
3.	18½ in.	63 lbs.	6.50

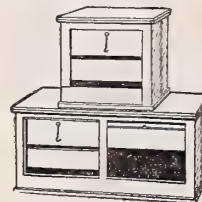
**Ajax Vitalizers.**

This instrument used on any incubator will prevent white diarrhea. By using the vitalizer, you supply the needed oxygen while the chicks are hatching in the incubators. Price, complete, \$4.00. We supply extra cartridges, each, 50c. By parcel post, 60c.

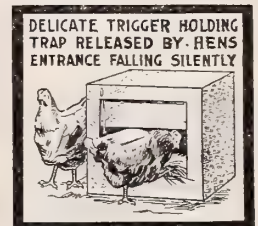
**Moe's Never Fail Trap Nest.**

As the name implies, it never fails. Every nest set up and ready for use when shipped. Manufactured in two sizes.

No. 33, 12x12x12 ins., complete .....each, \$ .75  
No. 34, for larger fowls, 12x12x14½ ins., complete.....each, 1.00  
By parcel post, No. 33, 95c each; No. 34, \$1.25 each.



Andrews' Trap Nest



Moe's Never Failing Trap Nest

**Andrews' Trap Nest.**

Well made, perfect in operation. A most useful and important poultry yard accessory. Price, Single Trap Nest, each, \$1.00.

**Andrews' Never Fail Trap Nest.**

Very large and roomy. Built so the hen can exercise after she leaves the nest. Price, Single Nest, each, \$3.00.

**CARBOLA**

The Disinfectant that paints. A germ killing white paint. Use it instead of whitewash. A snow-white cold water paint that will not blister, flake or peel off. Combined with a germicide; 20 times stronger than carbolic acid, but neither caustic nor poisonous. Good for painting stables, cow barns, poultry houses, hog pens, dairies and other out-buildings. Ask for booklet on this wonderful new preparation. Price, trial package, 25c; 10 lb. pkg., \$1.00; 20 lb. pkg., \$2.00; 50 lb. pkg., \$4.00. By parcel post, trial size, 35c; 10 lb., \$1.20; 20 lb., \$2.35.



# Hoppers, Grit Boxes, Etc.



The Apaco Poultry Hopper



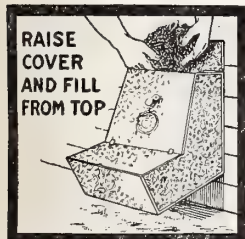
Round Bottom Dry Mash Hopper

## The Apaco Poultry Hopper.

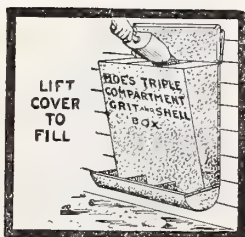
Here we have an automatic feeder at a reasonable price, only \$1.00. Think of it; now every one can afford one of these splendid devices. Constructed to fill a long-felt want for a good feeder at a small price. The Apaco Feeder will save work and worry; insures proper feeding, increases egg production, decreases feed bills, scatters the feed thoroughly; it won't clog. Made in one size only, 12 quart capacity, \$1.00. By parcel post, \$1.25.

## Round-Bottom Dry Mash Hopper.

The round bottom of this food hopper will feed dry mash or beef scrap more readily and cannot clog. Because of this feature it is more sanitary and more acceptable. This hopper has a lid, so that it may be closed during the forenoon, which is generally desired by poultrymen. Price, 75c. By parcel post, 95c.



Moe's Never Clog Dry Food Hopper



Moe's Grit and Shell Box

## Moe's Never Clog Dry Food Hopper.

One of the best hoppers on the market. Does not clog, no matter how coarse the mash is.

No. 35, 12 quart capacity ..... \$ .75; by parcel post, \$ .95  
No. 36, 18 quart capacity ..... 1.00; by parcel post, 1.25  
No. 37, 36 quart capacity ..... 1.50; by parcel post, 1.85



Atsatt Wall Feed Pan

## Atsatt Wall Feed Pan.

Hangs on two nails. Easy to clean. Saves waste. Always out of the way. Wet or dry feeds. Chickens cannot roost on it. Hangs high or low. Made of galvanized iron; 23 inches long, holds three quarts. Practical and cheap. Each, 35c; doz., \$4.00. By parcel post, 50c.

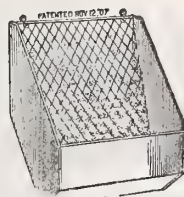


## Atsatt Galvanized Poultry Feeder.

Made with hinged guard to keep fowls from wasting the feed; can be used for mash or any dry grain feed. The tapering guard keeps birds from roosting or setting on top of the feeder. The pan is 18 inches long, 6 inches wide and 3 inches deep, and holds 4 quarts. It is well made, strong and durable. Price, 60c each. By parcel post, 80c.

## Galvanized Iron Brooder Feed Box.

This little device is especially adapted for brooder use. Seven inches high, with cover, two compartments for grit and charcoal, or can be used for any dry feed. Price, each, 40c. By parcel post, 60c.



Boston Dry Food Hopper



Gal. Brooder Feed Box

## The Boston Dry Feed Hopper—Rat Proof.

These hoppers are absolutely automatic and positive in their action. They cannot clog; they do not waste. They are made of galvanized iron with swinging grid (mesh) and hold from  $\frac{1}{2}$  peck to  $\frac{1}{2}$  bushel, respectively, and will last a lifetime.

Short Chicken Hopper—Small, for small brooders, 85c. By parcel post, \$1.10.

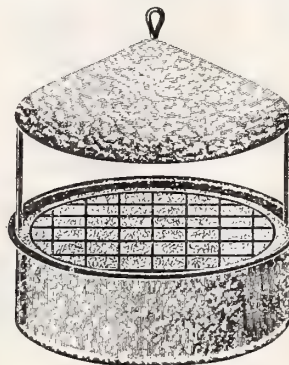
Long Chicken Hopper—Holds 1 peck. Excellent for small chicks. Each, \$1.50. By parcel post, \$1.75.

Small Hopper—Holds 8 quarts, for beef scraps, shells, grits, charcoal, 90c. By parcel post, \$1.20.

Large Hopper—Holds 16 quarts, for dry mash feed for hens, \$1.00. By parcel post, \$1.40.

## Sanitary Self-Feeding Grit and Shell Box.

Strong and well made. Improved over the old style boxes, being a larger, wider and more accessible pan; 3 compartments. Price, each, 50c. By parcel post, each, 70c.



Ideal Dry Mash Feeder



Self Feeding Grit and Shell Box

## Ideal Dry Mash Feeder.

We guarantee these feeders not to clog, also that the fowls cannot waste the Dry Mash, and are rat proof if our directions are followed. The Screen shown in the above cut rests on the top of the Dry Mash and as the fowls eat the mash the screen settles. This screen is to keep the fowls from "hooking" the Dry Mash out over the sides of the hopper, and also to keep them from eating the Dry Mash too fast. Fifteen or twenty fowls can eat out of this hopper at the same time; size, 12 quarts. Price, \$1.25. By parcel post, \$1.50.

## Moe's Grit and Shell Box.

Grit, shell and charcoal have now become a recognized essential part of the diet, insuring healthy fowls, and it cannot be more economically supplied than in one of these boxes.

No. 45, two compartments for chicks ..... \$ .25; by parcel post \$ .35  
No. 9, three compartments for hens ..... .50; by parcel post .60  
No. 90, four compartments for hens ..... .75; by parcel post .90

Send Us Your Subscription to the

## TRI-STATE POULTRY JOURNAL

A new Memphis publication devoted to better poultry and more of it. Thirty-two pages of good poultry literature. Mailed to your address 12 months for only 25c.



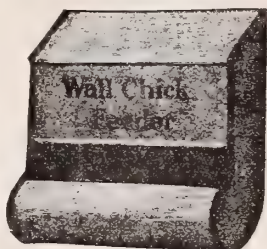
### Moe's Round Baby Chick Feeder.

Can also be used for water. Manufactured in two sizes.

No. 11, small size .....\$ .15; by parcel post \$ .25  
No. 12, large size ..... .25; by parcel post .35



Moe's Baby Chick Feeder



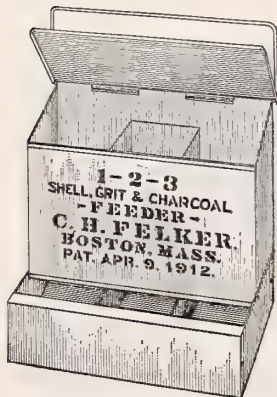
Wall Chick Feeder

### Wall Chick Feeder.

Sloping top prevents the chicks from roosting on it, and a wire screen prevents them from wasting the food. Made in two sizes, 10 inches long and 20 inches long, of 28-gauge galvanized steel. Absolutely will not rust, for all turned edges are carefully painted. This is an entirely new invention, and has proved its worth and efficiency amongst the largest chick raisers in the world. 10-inch, 50c; 20-inch, 75c. By parcel post, 10-inch, 65c; 20-inch, 95c.



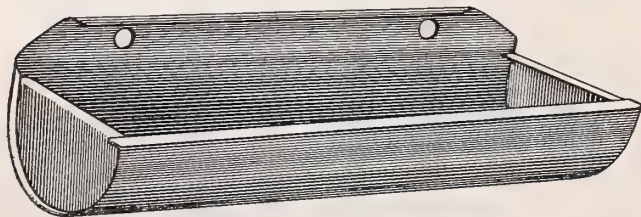
The top removes easily for cleaning. Can be used for either wet or dry feed or for water. Cannot rust. Made for any brooder, but does not take up much space. Size, 10 inches long, 4 inches wide. Just the thing for your brooder. Each, 25c. By parcel post, 35c.



1-2-3 Shell, Grit and Charcoal Feeder—Has three compartments; convenient and durable; made of heavy galvanized iron. Price, each 60c. By parcel post, each, 75c.

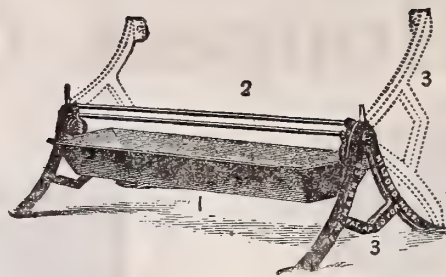
### Peerless Dry Food Hoppers.

Made in three sizes. 8 qt., each, 75c; 16 qt., each, \$1.25; 32 qt., each, \$1.75. By parcel post, 8 qt., \$1.00; 16 qt., \$1.60; 32 qt., \$2.10.



Busy Hen Wall Feed Pan

For feeds, grit, shell, bone, charcoal, water, etc. Hangs on two nails. Easy to clean. Saves waste. Always out of the way. Wet or dry feeds. Hangs high or low. Made of galvanized iron. Practical and cheap. Price 12 inches long, each, 25c; 18 inches long, each, 35c; 24 inches long, each, 40c. By parcel post, 12 inches, 40c; 18 inches, 50c; 24 inches, 60c.



Mann's Swinging Feed Tray

### Mann's Swinging Feed Tray for Poultry.

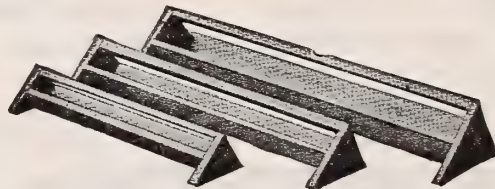
Saves all waste of food. Hens cannot scratch the food out or the dirt in. 18 inch Trays, \$1.00; 27 inch Trays, \$1.25; 36 inch Trays, \$1.50. By parcel post, 25c each extra.



Improved Norwich Automatic Exerciser and Feeder

### The Improved Norwich Automatic Exerciser and Feeder.

The new style has adjustable legs, adapted for feeding baby chicks. Fill the hopper with any dry grain feed, or any mixture of dry grain feed, and the revolving feed bar with wheat or cracked corn. Adjust valve to feed desired quantity. No. 2, 14 qt., each, \$3.50; 20 qt., \$4.50.



Wooden Feeding Troughs

### Wooden Feeding Troughs.

Long and convenient. A handy arrangement for feeding all kinds of mash or grains. Two sizes, 20c and 30c each. By parcel post, 30c and 40c each.



Acme Patent Chick Feeder



### Acme Patent Chick Feeder.

Easily accessible for little chicks. Made so that the grown fowls cannot get at the feed. Each, 2 compartments, 40c; 3 compartments, 60c. By parcel post, 60c and 85c.

### Feed Pan.

Sizes 2 3/4 inches deep, 6 inches wide, 18 inches long. A flat pan made of heavy galvanized iron. Price, 35c. By parcel post, 50c.



# Drinking Fountains

## Moe's Sanitary Poultry Drinking Fountain.

Dead air space between cover and reservoir keeps water cool in summer and from freezing in winter. Sanitary and humane. Manufactured in two sizes. No. 1, 1 gal. capacity, \$1.25, by parcel post, \$1.50; No. 2, 2 gal. capacity, \$1.75, by parcel post, \$1.95.



Moe's Sanitary Top Fill Fountain

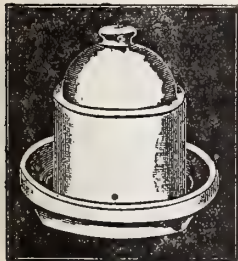


Wall or Hub Fountain

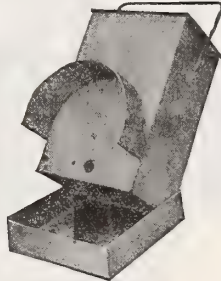
## Wall or Hub Fountain.

A galvanized iron hood projects over the water trough and protects the water from becoming soiled. These fountains are equally serviceable for young chickens or adult fowls, and are especially useful for pigeons.

Price, 1-quart .....	\$ .30	By parcel post \$ .40
Price, 2-quart .....	.40	By parcel post .50
Price, 1-gallon .....	.60	By parcel post .80
Price, 2-gallon .....	1.00	By parcel post 1.25



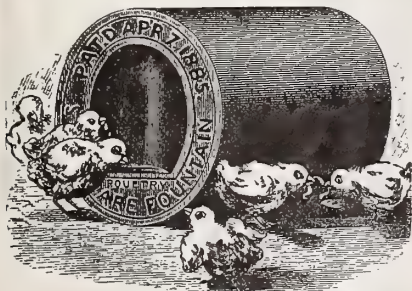
Stoneware Jug Shaped Poultry Fountain



Square Bottom Drinking Fountain

## Stoneware Jug-Shaped Poultry Fountain.

It is made in two parts, the saucer being separated from the upper portion, so it can be easily separated and thoroughly cleaned. 1 pt., 25c; 1 qt., 35c; 2 qt., 45c; 1 gal., 60c; 2 gal., 75c, f. o. b. Memphis. Cannot be sent by parcel post.



Stoneware Barrel Shaped Drinking Fountain

## Stoneware Barrel-Shaped Drinking Fountain.

They keep the water cool and clean and are so manufactured that it is impossible for chicks to get wet or drown while using them. They are easily filled, never tip over and never get out of order. Prices, 1 gallon size, 35c; 2 gallon size, 50c, f. o. b. Memphis. Cannot be sent by parcel post.

## Two-Piece Galvanized Iron Drinking Fountain.

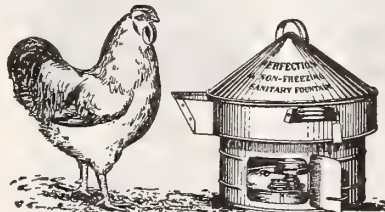
Made of heavy galvanized iron, all seams being carefully turned and soldered. Easily cleaned. Price, 1 qt., 25c. By parcel post, 35c. 2 qt., 35c. By parcel post, 50c. 3 1/2 qt., 50c. By parcel post, 65c. 6 qt., 85c. By parcel post, \$1.10.

## Square Drop Bottom Drinking Fountains.

The bottom can be swung open with one hand, as it is secured by one spring in the front. Price, 2 qts., 45c; 1 gal., 60c. By parcel post, 2 qts., 60c; 1 gal., 80c.

## Perfection Non-Freezing Fountain.

Easy to fill and clean. The heater keeps the water from freezing by the use of a small lamp that is perfectly safe. Fountain with heater and lamp, complete, gallon size, \$2.50; 2 gallon size, \$3.00. By parcel post, gallon, \$2.90; 2 gallon, \$3.50.



Perfection Non-Freezing Fountain



Two-piece Galv. Iron Drinking Fountain

## Successful Non-Freezing Fountain.

Galvanized iron; durable and convenient. Price, Fountain, Lamp Base and Lamp, 2 gal. size, each, \$2.25. By parcel post, \$2.60.

## Atsatt Sanitary Non-Freezing Fountain.

A detachable non-freezing outfit; furnished with lamp, all complete. 1 gallon, with heater, \$1.50; 2 gallon, \$2.00. By parcel post, \$1.75 and \$2.10.

## Feed or Water Cup.

Used for mating or exhibition coops. Each, 20c; doz., \$2.00. By parcel post, each, 25c.

## Hallock Water and Food Holder.

Made in several sizes; deep pan that is supplied with removable guard; easily cleaned; being round, it will accommodate 10 to 12 fowls at a time.

1 gallon .....	\$ .60	By parcel post \$ .80
2 gallon .....	.80	By parcel post 1.10
3 gallon .....	1.00	By parcel post 1.35



## The Duplex Fountain.

The latest and most practical sanitary fountain on the market. This is a double fount, keep the water clean and pure. Easy to fill—easy to care for. Made in two sizes. Try a duplex. 4 qt., 75c; 8 qt., \$1.00. By parcel post, 4 qt., 95c; 8 qt., \$1.25.

## Andrews' Drinking Fountain.

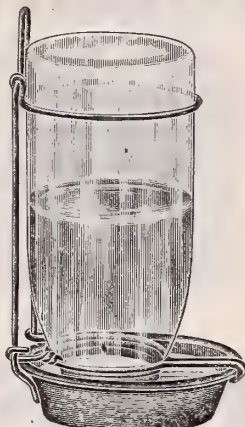
Made of galvanized steel. Can be taken apart and scoured. Automatic, sanitary and convenient. Two sizes: Price, 1 gal., \$1.00; 2 gal., \$1.60. By parcel post, 1 gal., \$1.25; 2 gal., \$1.95.



## Drinking Fountains



Moe's Star Jar Fountain



The All Right Fountain Holder

### Moe's Star Jar Fountain and Feeder.

MADE OF ONE PIECE OF METAL.

No parts to come unsoldered. Leaking impossible. Will fit pint, quart or half-gallon Mason jar. Convenient, cheap and sanitary. One size only. No. 32, each, 15c; 6 for 75c. By parcel post, each, 20c; 6 for 90c.

### All Right Fountain Holder.

Can be used with any size bottle, or with pint, quart, or two quart glass jar. Each, 10c; 3 for 25c; bottle not included. By parcel post, each, 15c; 3 for 40c.



The N. W. Chick Fountain



Economy Fountain Holder

### The N. W. Chick Fountain.

Made to fit any half-gallon, quart or pint Mason jar. We do not furnish jars. Made in the following sizes:

No. 3 Wire Clip Holder	5 inch, each, 10c; 3 for 25c
No. 4 Wire Clip Holder	6 inch, each, 15c; 2 for 25c
No. 15 Jap. Clip Holder	5 inch, each, 15c; 2 for 25c
No. 16 Jap. Clip Holder	6 inch, each, 20c; 2 for 35c
No. 5 Galv. Clip Holder	5 inch, each, 20c; 2 for 35c
No. 6 Galv. Clip Holder	6 inch, each, 25c; 2 for 40c

By Parcel Post:

No. 3 Wire Clip Holder	5 inch, each, 15c; 2 for 25c
No. 4 Wire Clip Holder	6 inch, each, 20c; 2 for 35c
No. 15 Jap. Clip Holder	5 inch, each, 20c; 2 for 35c
No. 16 Jap. Clip Holder	6 inch, each, 25c; 2 for 45c
No. 5 Galv. Clip Holder	5 inch, each, 25c; 2 for 45c
No. 6 Galv. Clip Holder	6 inch, each, 30c; 2 for 50c

### Economy Automatic Fountain and Feeder.

Just the Fountain you have been looking for. It feeds water, grain, grit, oyster shells, etc. Any size Mason glass jar fits it. We do not furnish the jars, as everybody has them on hand, thereby saving the extra expense. Each, 25c; 6 for \$1.20. By parcel post, each, 30c; 6 for \$1.40.



Lathrop Sanitary Chick Server

### Astatt's Sanitary Chick Drinking Fountain.

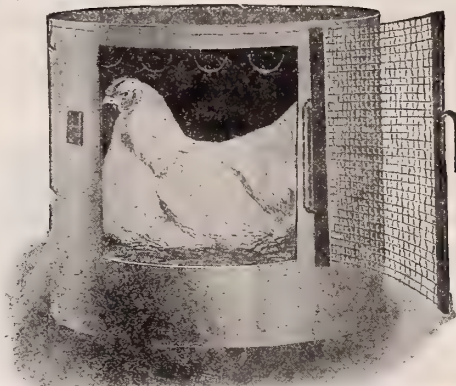
Will go in any brooder; easy to clean; will not upset; not injured by freezing. 1 qt. size, each, 25c. By parcel post, each, 35c.

### Lathrop Sanitary Chick Server.

For supplying water and feed to little chicks. Nothing better made. Each, 30c; 5, \$1.30. By parcel post, each, 40c; 5, \$1.60.

## Victor Automatic Fountain.

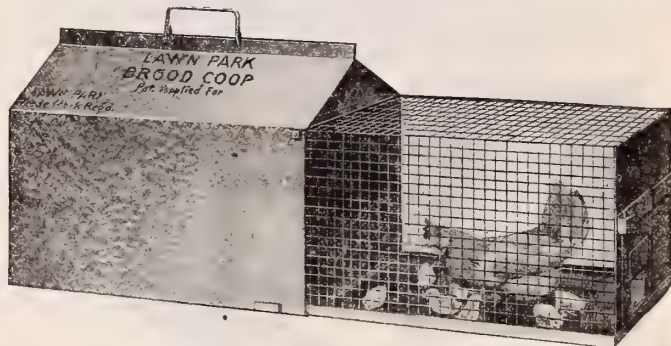
Made to attach to any wooden tub or barrel; works automatic, as the fowls or stock empty the pan it fills itself and shuts off when pan is full. Very durable, being made of cast iron. Price each, \$1.00. By parcel post, \$1.25.



Successful Combination Metal Nest

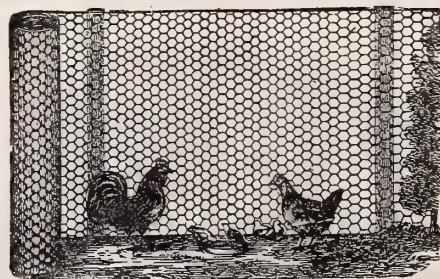
### Successful Combination Metal Nest.

A hen in this nest will hatch better and stronger chicks than in a wooden nest, from the fact that eggs require moisture to hatch well, and this nest retains the moisture from the hen's body, while the wooden nest absorbs it. Vermin proof. Size 14 inches high, 14 inches wide. One to 3 nests, each, \$1.25; 4 to 10 nests, each, \$1.10. By parcel post, each, \$1.50.



### The Lawn Park Coop.

Gives the chicks sunshine, fresh air, grass and protection from all enemies. This coop is made to telescope, therefore affords chicks roving space, yet they are safe. Has removable bottom, makes cleaning easy; sanitary; keeps out lice and mites, and gives ample ventilation. Size coop, closed, 18x24 inches; when open, with park extended, 18x48 inches. Price, each, \$2.75, f.o.b. Memphis. In lots of 6, \$15.50.



Galvanized Wire Poultry Netting

We furnish Poultry Netting in large and small meshes; 150 feet in a roll. We do not break rolls or sell less than original package. The following prices are f. o. b. Memphis:

#### Two-Inch Mesh.

2 feet high, per roll of 150 feet	\$2.50
2½ feet high, per roll of 150 feet	3.00
3 feet high, per roll of 150 feet	3.50
4 feet high, per roll of 150 feet	4.50
5 feet high, per roll of 150 feet	5.50
6 feet high, per roll of 150 feet	7.00

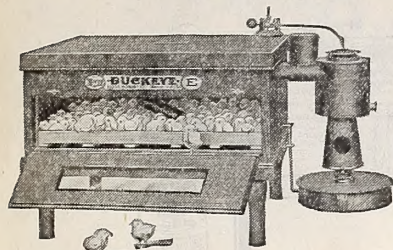
#### One-Inch Mesh.

1 foot high, per roll of 150 feet	\$2.50
1½ feet high, per roll of 150 feet	3.50
2 feet high, per roll of 150 feet	4.50
3 feet high, per roll of 150 feet	6.50
5 feet high, per roll of 150 feet	9.00
6 feet high, per roll of 150 feet	10.50
Galvanized Wire Staples, per pound	.25



### Buckeye Incubators.

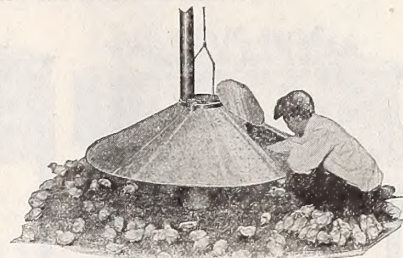
These are hot water machines, well made and easy to operate. Owing to the satisfactory operation and the moderate price at which they are sold, there are probably more Buckeye Incubators in use today than any other make. They are so simple that a beginner can operate them without any previous experience. These Incubators are equipped with every desirable device that can possibly add to incubator efficiency and are pronounced by experts to be the world's best hatchers.



Buckeye No. 14, Style E, 60-Egg Incubator



Buckeye Security Portable Brooder



Buckeye Standard Colony Brooder Stove

Buckeye No. 14, Style E, 60-Egg Incubator, price	\$ 8.50
Buckeye No. 16, Style E, 100-Egg Incubator, price	15.00
Buckeye No. 17, Style E, 200-Egg Incubator, price	19.50
Buckeye No. 60, Standard 60-Egg Incubator, price	15.00
Buckeye No. 1, Standard 110-Egg Incubator, price	21.00
Buckeye No. 2, Standard 175-Egg Incubator, price	26.00
Buckeye No. 3, Standard 250-Egg Incubator, price	33.00
Buckeye No. 4, Standard 350-Egg Incubator, price	38.00
Complete catalog of Buckeye Incubators mailed on application.	

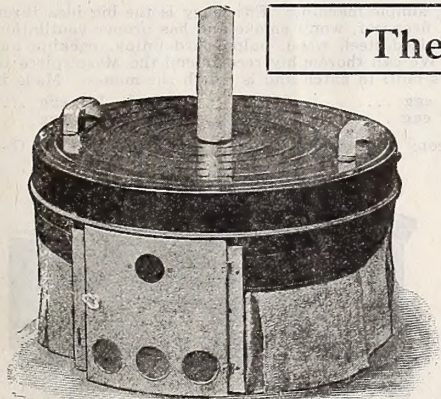
### Buckeye Standard Colony Brooder Stove.

The most remarkable coal-burning brooder ever invented. It is self-feeding, self-regulating, simple, safe and everlasting. Cuts the cost of equipment and cost of operation to less than half. Reduces the time and labor to less than a fourth. Simple as a kitchen range. Broods from 100 to 1500 chicks. Write us for special circulars. Price, without Stovepipe, \$16.00, f. o. b. Memphis.

### Buckeye Security Portable Brooder.

The greatest oil burning brooder ever invented. Operates on the same plan as the unmatched Standard Coal Burner. Perfect in ventilation, with free even temperature. Guaranteed to be absolutely free from all gases and odors whatsoever, and to provide a circulation of pure, fresh air every minute in the day or night. It is a combination of security and simplicity. Fully guaranteed. Capacity 100 to 150 chicks, weight 60 lbs. Price, \$12.50, f. o. b. Memphis.

## The Oakes Economy Brooder Hover



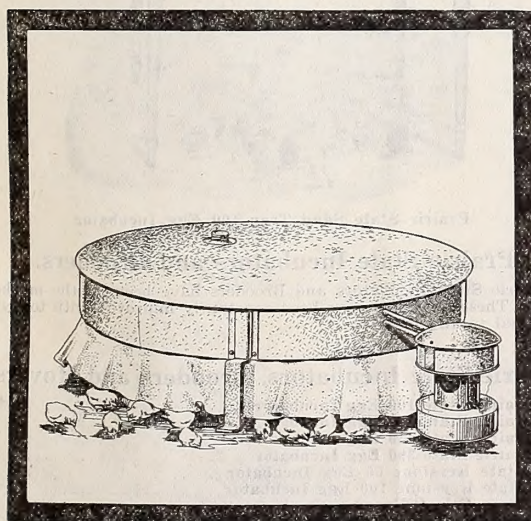
The Oakes Economy Brooder Hover.

All galvanized steel, light, strong, durable. Can be used anywhere, as it stands on a level floor, in a box, or brooder house. Furnishes plenty of heat with a small lamp flame. Price, each, \$6.50, f. o. b. factory; price, each, \$7.50, f. o. b. Memphis.

### Cycle Hatcher Metal Mother Incubators.

A splendid small incubator, which has given satisfaction; to those who only want to hatch a few chicks, this little machine will suit you.

Cycle Hatcher, 50 egg. Price	\$5.50
Cycle Hatcher and Brooder Combined. Price	8.00
Cycle Brooder, galvanized. Price	2.00

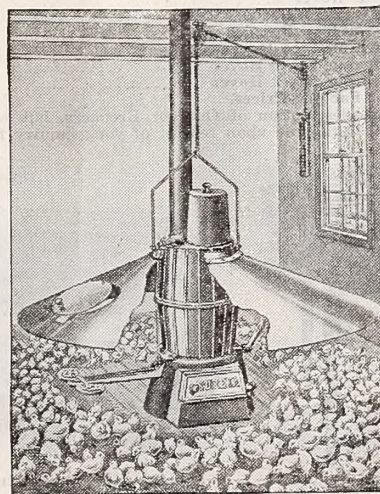


Moe's Hot Water Hover

### Moe's Hot Water Hover.

Anyone who raises chickens should have a "Moe's" Hot Water Hover. It is the most economical Brooder on the market, and so constructed that it is very easy to operate, and the cheapest way to save chicks after they are hatched.

Hover—60-Chick size	Each \$4.00
Hover—150-Chick size	Each 5.75



The Eureka Coal Burning Brooder

### The Eureka Coal Burning Brooder.

A new moderate price Stove Brooder equal to any make on the market, self-feeding, self-regulating. Stove pot solid heavy cast iron. Easy to fill and easy to clean. We guarantee the Eureka Brooder in every way. Write for circulars. Price, No. 1, weight 115 pounds, \$14.00; No. 2, weight 125 pounds, \$15.00, f. o. b. Memphis.

### Special Incubator Oil.

Won't smoke; highest quality; 5 gallon can \$1.50

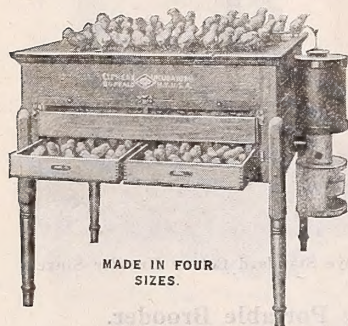


We are Authorized Agents for Genuine

# Cyphers Incubators and Brooders

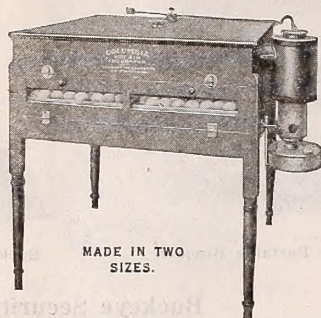
FOR THE SEASON OF 1917, we offer the poultry public three patterns or styles of high-class, guaranteed hatching machines, as shown here-with. Please note names, sizes and prices. These three styles of Incubators, in eight different sizes, and ranging from \$12 to \$44 each, are meant to meet the needs of all persons who are in the market for a device of this kind.

Cyphers Incubators and Brooders are F. O. B. Memphis. For further information, ask for Cyphers catalog.



MADE IN FOUR SIZES.

Standard Cyphers Incubator



MADE IN TWO SIZES.

Cyphers Columbia Incubator

## Standard Cyphers Incubators.

These are machines that for fifteen years and more have been the recognized "standard hatchers of the world." They are today the last word in incubator building—not a penny being spared in making sure of their doing satisfactory work in all climes, under widely different conditions in the hands of all sorts of people.

### PRICES:

70 egg capacity .....	\$16.00	244 egg capacity .....	\$37.00
140 egg capacity .....	25.00	390-400 egg capacity .....	44.00

## Cyphers Columbia Hot-Air Incubators.

Popular-price, popular-size, guaranteed hot-air hatchers. Wooden cases, beautifully finished in dark green, with brass trimmings; double walls and self-ventilating; seamless bowl lamps, best quality burners; zinc and steel Standard Cyphers Thermostat and regulating device; fume-proof heater, asbestos covered and metal banded; embodies diffusive principle; roomy chick nursery.

### PRICES:

130-140 egg capacity .....	\$18.00	240-250 egg capacity .....	\$25.00
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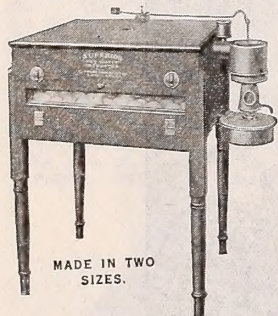
## Cyphers Outdoor Brooders.

### PRICES:

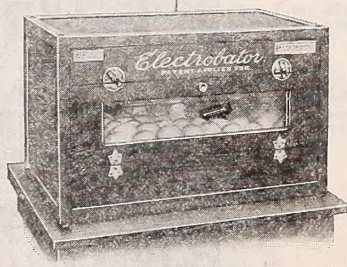
Cyphers Portable Hovers .....	\$10.00
Cyphers Adaptable Hover .....	10.00
Cyphers Style A Outdoor Brooder .....	15.50
Cyphers Style B outdoor Brooder .....	19.50
Cyphers Coal Burning Cico Hover .....	15.00
Cyphers Coal Burning No. 1 Hover .....	20.00
Cyphers Coal Burning No. 2 Hover .....	25.00

Larger sizes at Factory Prices.

We do not give description of Outdoor Brooders, but will be glad to mail Cyphers Catalogue upon receipt of your inquiry for same.



Cyphers 60-Egg Superior Hot Water Incubator



Cyphers 60-Egg Electric Incubator

## Cyphers Superior Hot-Water Incubators.

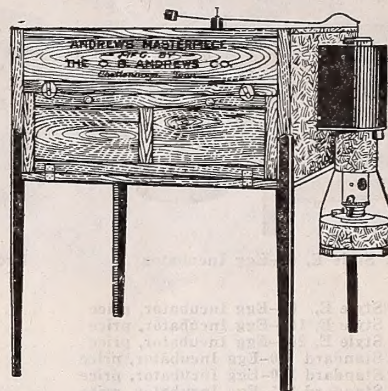
Exactly what the name says. Are heated by hot water and "superior" in every detail. Copper tank and boiler; seamless bowl lamp and best quality burner, wooden case attractively finished in golden brown, brass hinges, buttons, etc.; double walls, with air-space insulation; Standard Cyphers regulator and roomy chick nursery; automatic ventilation.

### PRICES:

60-65 egg capacity .....	\$12.00	120-130 egg capacity .....	\$18.00
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## Cyphers Electric Incubators.

Easy and perfect in operation. Finely finished, quarter sawed oak cases. No. 1 Electrobator, capacity 60 eggs, price, \$20.00; 120 eggs, \$26.00.



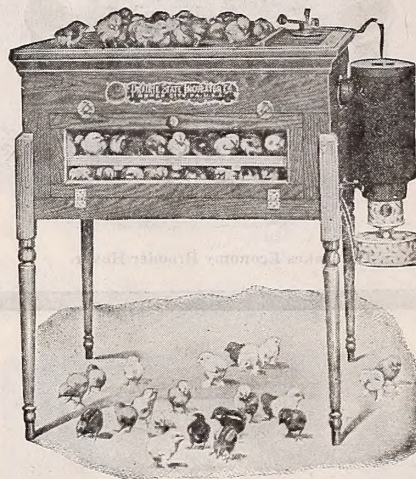
Andrews' Masterpiece 144 Egg Incubator

## Andrews' Masterpiece Incubator.

A sensible, simple machine. Efficiency is the big idea throughout. It is airtight, fireproof, won't smoke and has proper ventilation. Well built of galvanized steel, wood, pulp board lining, packing and fibre board inside. We can thoroughly recommend the Masterpiece in every manner. It's built to hatch and is worth the money. Made in 4 sizes.

No. A, 70 egg .....	\$17.50	No. B, 144 egg .....	\$25.50
No. C, 244 egg .....	33.50	No. D, 390 egg .....	39.50

Send for copy of Andrews' Poultry Text Book, and ask the judges.



Prairie State Sand Tray 100 Egg Incubator

## Prairie State Incubators and Brooders.

The Prairie State Incubators and Brooders have been on the market 27 years. These machines have been constantly improved until today they are equal to any make.

## Prairie State Incubators, Brooders and Hovers.

No. 0, Prairie State 100 Egg Incubator .....	\$21.50
No. 1, Prairie State 150 Egg Incubator .....	25.00
No. 2, Prairie State 240 Egg Incubator .....	35.00
No. 3, Prairie State 390 Egg Incubator .....	40.00
Prairie State Keystone 60 Egg Incubator .....	12.00
Prairie State Keystone 100 Egg Incubator .....	15.00
Prairie State Colony Brooder No. 1 .....	22.00
Prairie State Colony Brooder No. 2 .....	18.00
Prairie State Colony Brooder No. 3 .....	15.00
Prairie State Universal Hover, with lamp case .....	7.00
Prairie State Universal Hover, with regulator .....	8.00
Prairie State Large Portable Hover .....	10.00
Prairie State Small Portable Hover .....	7.50
Prairie State Hover Regulator .....	\$1.50; by parcel post.....
Prairie State Stove Brooders .....	1.75
Prairie State Junior Stove Brooders .....	30.00
Prairie State Junior Stove Brooders .....	18.00

Full catalogue of Prairie State Incubators, Hovers, etc., sent by mail if requested.



WITH LOOSE SEEDS



WITH PAKRO-SEEDTAPE



# Greatest Improvement in Seed Planting FOR BETTER GARDENS

To be assured of a better garden this year, plant with Pakro Seedtape—not because of what we claim it to be, but because of what others have proved it to be.

E. J. Kyle, Dean of the Agricultural College of Texas, tells of results obtained from Pakro Seedtape at the college. "All the Seedtape planted did exceptionally well. The plants made a splendid appearance and the stand was especially good."

Pakro Seedtape consists of seeds selected with the utmost care by experts from the very best of prize winning strains; they are put in a tissue paper tape, spaced exactly the correct distance apart. No thinning out is necessary. Stunted, slow growing plants, due to overcrowding in planting the seeds are avoided. The paper absorbs and holds the moisture, and thus produces a quicker and higher percentage of germination. It is more economical because only a sufficient number of seeds are planted—with loose seeds there is a great deal of waste. Since you can plant a whole row at once, there is a great saving of time and labor.

Use Pakro Seedtape in your garden this year and you have the assurance of thousands who have tried it that you will have a more successful garden than ever before. And here are the experiences of some of these thousands:

"I never had a better garden with an experience of 35 years."  
—L. C. Arensburg, M. D., East Millsboro, Pa.

"I find that Seedtape grows quicker than any other seed with far less trouble to plant."—Miss Ethel Bowman, Troy, Ohio.

"The same amount of seed goes twice as far as other kinds."—Mrs. William Behringer, Ann Arbor, Mich.

"Pakro Seedtape showed fine germination quality, the vegetables were fine varieties."—O. L. Broderick, Upper Sandusky, Ohio.

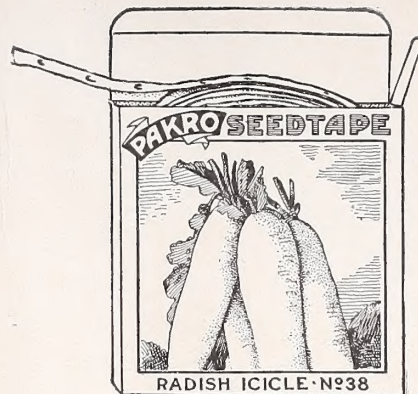
"Results from Pakro Seedtape were very gratifying. You surely have hit the happy way."—D. F. Fulmer, Lore City, Ohio.

"Results from Pakro Seedtape came up to my most sanguine expectations."—R. J. Chapman, Houston, Texas.

"Have had remarkable experience in planting Pakro Seedtape. They germinated in an exceptionally quick way and the plants appeared above the ground in absolutely regular order, not one missing in several rows. I am a Horticulturist and Rancher of some little experience."—F. A. Koenig, South Paris, Maine.

"We obtained a remarkable crop from our planting of Pakro Seedtape."—Jos. Keenan, Cazenovia, N. Y.

Pakro Seedtape come in 30 varieties of Vegetables and 18 varieties of Flowers, and by carefully following the directions printed on each box, your garden will prove a delight and a surprise.



## FLOWERS

10c per Package, parcel post paid.

Alyssum, Sweet.  
Aster, Queen of the Market.  
Aster, Giant Mixed.  
Balsam, Double Mixed.  
Bachelor Button or Corn Flower.  
Candytuft, Mixed.  
Forget-Me-Not, Blue.  
Hollyhock, Chatiers Double Mixed.  
Mignonette, Grandiflora.  
Morning Glory, Mixed.  
Pansies, Good, Mixed.  
Phlox, Drummondii, Mixed.  
Pinks, Chinese, Double Mixed.  
Poppy, California.  
Poppy, Shirley Mixed.  
Salvia, Splendens.  
Stocks, Ten Weeks Mixed.  
Sweet Peas, California Giants Mixed.

## VEGETABLES

10c per Package, parcel post paid.

Beet, Crimson Globe.  
Beet, Early Egyptian.  
Cabbage, All Seasons.  
Cabbage, Jersey Wakefield.  
Cabbage, Premium Flat Dutch.  
Carrot, Danvers.  
Carrot, Oxheart.  
Celery, White Plume.  
Endive, Green Curled.  
Kohl Rabi, Early White Vienna.  
Leek, Large Flag.  
Lettuce, Big Boston.  
Lettuce, Black Seeded Simpson.  
Lettuce, Trianon Cos.  
Onion, White Portugal.

Onion, Yellow Globe Danvers.  
Parsley, Double Curled.  
Parsnip, Hollow Crown.  
Pepper, Large Bell or Bull Nose.  
Radish, French Breakfast.  
Radish, Icicle.  
Radish, Long Scarlet.  
Radish, Scarlet Turnip, White Tip.  
Spinach, Long Standing.  
Swiss Chard.  
Tomato, Beauty.  
Tomato, Ponderosa.  
Tomato, Stone.  
Turnip, Purple Top, Strap Leaf.  
Turnip, Purple Top, White Globe.

Prices on Pakro Seedtape are net, and are not subject to discounts which we give on regular seed packets. Pakro Seedtape is sold at 10c a box straight. Please bear this in mind when ordering.

## Amateurs Get Expert Results With Pakro Seedtape





# SCHWILL'S BLUFF CITY SURE SEEDS

SCHWILL'S MAMMOTH FLOWERING  
ZINNIAS



SCHWILL'S IDEAL  
WINTER CABBAGE

SCHWILL'S  
RED MAJESTIC  
TOMATO

SCHWILL'S  
SPECIAL STOCK  
TOM WATSON  
WATERMELON

SCHWILL'S  
EARLY BIRD  
20 DAY RADISH

SCHWILL'S  
GIANT CRIMSON  
SWEET PEPPER

SCHWILL'S MAGNIFICENT  
CANTALOUPE

## POULTRY SUPPLIES, SPRAYERS AND INSECTICIDES